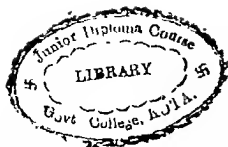


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CORRECTED TABLES

FOR USE WITH

SIKES'S GLASS HYDROMETER.

NOTE—In the following Tables, the indications under heading A refer to an extra stem designed for proving high strength spirits at high temperatures.

Additional Note.

In India brass instruments, when employed at all by Excise officers, are used in shop-visiting and district-work only. They should not be used in distilleries or bonded warehouses (unless with a special table not yet published). Although the tables for use with glass hydrometers are not designed to be used with brass instruments, they yet give more accurate results than do the older tables supplied by the makers along with the instruments. Consequently, these tables for glass hydrometers may be used, with advantage, in place of the older tables for brass instruments employed in shop visiting and district-work.

Directions for the use of the Corrected Tables for ascertaining the strengths of spirits by Sikes's *glass* Hydrometer.

Having poured a sample of the spirits intended to be proved into the trial-glass, ascertain the temperature of the fluid by immersing the thermometer therein. Stir the sample, and wait till the mercury remains stationary. The degree shown on the thermometer scale is the temperature of the spirits.

The various degrees of temperature are indicated at the top of each page, commencing with 40° and ending with 100° of Fahrenheit's thermometer.

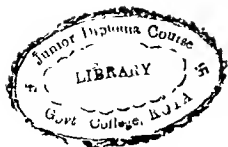
Open the book at the temperature indicated, and select the stem likely to be required. Immerse it in the spirit and press it down to the top-mark on the scale. If the proper stem has been selected, it will float at some division on the stem: this is "the indication." Opposite this indication in the Table will be found the strength of the spirit.

Examples —

- (a) If the hydrometer-stem 20 to 40 sinks to 28.0 (i.e., indication 28) with a temperature of 40°, the strength found in the Tables under that temperature at 28 will be found to be 46.3 Over Proof.
- (b) If, again, at temperature 51° the hydrometer-stem 10 to 60 floats so as to indicate 43.0 divisions on the stem, then opposite the indication 43 under temperature 51° will be found the strength 25.3 Over Proof.
- (c) At temperature 60°, indication 69.0, the strength will be found to be 16.3 Under Proof.

Each sub-division of the hydrometer stem corresponds to 0.2 per cent. of the whole scale (apart from the portion termed A).

The Slide Rule and Comparative Rule as hitherto supplied with the uncorrected Sikes's Tables should not now be employed.



REVISED SIKES'S TABLES.

GLASS HYDROMETER.

A

Temperature 40° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10		0		10		0		10		0		10	
1		11		1		11		1		11		1		11	
2		12		2		12		2		12		2		12	
3		13		3		13		3		13		3		13	
4		14		4		14		4		14		4		14	
5		15		5		15		5		15		5		15	
6		16		6		16		6		16		6		16	
7		17		7		17		7		17		7		17	
8		18		8		18		8		18		8		18	
9		19		9		19		9		19		9		19	
10		20		10		20		10		20		10		20	

GLASS HYDROMETER.

Temperature 40° F.

Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof	
40	2	32 3		50	2	19 6		60	2	5 1		70	2	10 9		80	2	31 8		90	2	67 2					
	4	32 1			4	19 3			4	4 8			4	11 2			4	32 3			4	68 0					
	6	31 0			6	19 1			6	4 5			6	11 6			6	32 8			6	68 8					
	8	31 0			8	18 8			8	4 2			8	11 9			8	33 3			8	69 6					
41	2	31 4		51	2	18 5		61	2	3 9		71	2	12 3		81	2	33 8		91	2	70 4					
	4	31 1			4	18 3			4	3 6			4	12 7			4	34 4			4	71 2					
	6	30 9			6	18 0			6	3 3			6	13 1			6	34 9			6	71 9					
	8	30 7			8	17 7			8	3 0			8	13 4			8	35 4			8	72 7					
42	2	30 4		52	2	17 4		62	2	2 7		72	2	13 8		82	2	35 9		92	2	73 5					
	4	30 2			4	17 1			4	2 4			4	14 2			4	36 5			4	74 2					
	6	29 9			6	16 8			6	2 1			6	14 8			6	37 1			6	75 0					
	8	29 7			8	16 5			8	1 8			8	15 0			8	37 7			8	75 7					
43	2	29 5		53	2	16 3		63	2	1 5		73	2	15 4		83	2	38 3		93	2	76 5					
	4	29 2			4	16 0			4	1 2			4	15 7			4	38 9			4	77 3					
	6	28 9			6	15 7			6	0 9			6	16 1			6	39 5			6	78 0					
	8	28 6			8	15 4			8	0 6			8	16 5			8	40 1			8	78 7					
44	2	28 4		54	2	15 1		64	2	0 3		74	2	16 8		84	2	40 7		94	2	79 4					
	4	28 1			4	14 8			4	0 0			4	17 3			4	41 4			4	80 2					
	6	27 9			6	14 6			6	0 3			6	17 7			6	42 0			6	80 9					
	8	27 7			8	14 3			8	0 6			8	18 1			8	42 6			8	81 6					
45	2	27 4		55	2	14 0		65	2	0 0		75	2	18 5		85	2	43 2		95	2	82 2					
	4	27 1			4	13 7			4	0 0			4	18 9			4	43 8			4	82 9					
	6	26 9			6	13 5			6	0 0			6	19 3			6	44 4			6	83 5					
	8	26 7			8	13 2			8	0 0			8	19 7			8	45 1			8	84 2					
46	2	26 4		56	2	12 9		66	2	0 0		76	2	20 1		86	2	45 7		96	2	84 9					
	4	26 1			4	12 6			4	0 0			4	20 6			4	46 4			4	85 5					
	6	25 9			6	12 3			6	0 0			6	21 0			6	47 1			6	86 8					
	8	25 7			8	12 0			8	0 0			8	21 5			8	47 9			8	87 5					
47	2	25 4		57	2	11 7		67	2	0 0		77	2	21 9		87	2	48 6		97	2	88 1					
	4	25 1			4	11 4			4	0 0			4	22 3			4	49 4			4	88 7					
	6	24 9			6	11 1			6	0 0			6	22 8			6	50 2			6	89 3					
	8	24 6			8	10 8			8	0 0			8	23 2			8	51 0			8	89 9					
48	2	24 3		58	2	10 5		68	2	0 0		78	2	23 7		88	2	51 9		98	2	90 5					
	4	24 1			4	10 2			4	0 0			4	24 2			4	52 7			4	91 1					
	6	23 8			6	9 9			6	0 0			6	24 6			6	53 6			6	91 6					
	8	23 5			8	9 6			8	0 0			8	25 1			8	54 5			8	92 2					
49	2	23 3		59	2	9 3		69	2	0 0		79	2	25 5		89	2	55 4		99	2	92 7					
	4	23 0			4	9 0			4	0 0			4	25 9			4	56 3			4	93 3					
	6	22 7			6	8 7			6	0 0			6	26 3			6	57 1			6	93 8					
	8	22 5			8	8 4			8	0 0			8	26 7			8	58 0			8	94 3					
50	2	22 2		60	2	8 1		70	2	0 0		80	2	27 1		90	2	58 9		100	2	95 4					
	4	22 0			4	7 8			4	0 0			4	27 6			4	59 8			4	95 9					
	6	21 7			6	7 5			6	0 0			6	28 0			6	60 6			6	96 5					
	8	21 5			8	7 2			8	0 0			8	28 4			8	61 5			8	97 1					
51	2	21 2		61	2	6 9		71	2	0 0		81	2	28 8		91	2	62 3		101	2	97 6					
	4	20 9			4	6 6			4	0 0			4	29 2			4	63 1			4	98 1					
	6	20 7			6	6 3			6	0 0			6	29 7			6	64 0			6	98 6					
	8	20 4			8	6 0			8	0 0			8	30 2			8	64 8			8	99 1					
	10	19 9			10	5 7			10	0 0			10	30 7			10	65 6			10	99 7					
	12	19 6			12	5 4			12	0 0			12	31 2			12	66 4			12	100 2					
	14	19 3			14	5 1			14	0 0			14	31 8			14	67 2			14	100 7					

GLASS HYDROMETER.

A Temperature 41° F.

Divs. on Stem A	Per cent. over Proof	Divs. on Stem A	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof
0		10		0	70 2	10	63 1	20	54 1	30	43 9		
2		12		2	70 2	12	62 9	22	53 9	32	43 6		
4		4		4	70 1	4	62 7	4	53 7	4	43 4		
6		6		6	70 0	6	62 6	6	53 6	6	43 1		
8		8		8	69 8	8	62 4	8	53 4	8	42 9		
1		11		1	69 7	11	62 3	11	53 3	11	42 6		
2		2		2	69 6	2	62 1	2	53 0	2	42 3		
4		4		4	69 4	4	61 9	4	52 8	4	42 1		
6		6		6	69 3	6	61 7	6	52 6	6	41 8		
8		8		8	69 1	8	61 5	8	52 4	8	41 6		
2		13		2	69 0	12	61 3	22	52 2	32	41 3		
2		2		2	68 9	2	61 1	2	52 0	2	41 1		
4		4		4	68 8	4	61 0	4	51 8	4	40 9		
6		6	75 2	6	68 6	6	60 8	6	51 6	6	40 7		
8		8	75 1	8	68 5	8	60 6	8	51 4	8	40 4		
3		13	75 0	3	68 4	13	60 4	23	51 2	33	40 2		
2		2	74 8	2	68 2	2	60 3	2	51 0	2	39 9		
4		4	74 6	4	68 1	4	60 1	4	50 8	4	39 7		
6		6	74 5	6	68 0	6	59 9	6	50 6	6	39 5		
8		8	74 4	8	67 9	8	59 7	8	50 4	8	39 3		
4		14	74 3	4	67 7	14	59 5	24	50 2	34	39 1		
2		2	74 1	2	67 5	2	59 4	2	50 0	2	38 8		
4		4	74 0	4	67 4	4	59 2	4	49 8	4	38 6		
6		6	73 8	6	67 3	6	59 1	6	49 6	6	38 3		
8		8	73 7	8	67 1	8	58 9	8	49 3	8	38 1		
5		15	73 6	5	66 9	15	58 7	25	49 1	35	37 8		
2		2	73 5	2	66 8	2	58 5	2	49 0	2	37 6		
4		4	73 4	4	66 7	4	58 3	4	48 7	4	37 4		
6		6	73 2	6	66 5	6	58 1	6	48 5	6	37 1		
8		8	73 1	8	66 3	8	57 9	8	48 3	8	36 9		
6		16	73 0	6	66 2	16	57 8	26	48 1	36	36 7		
2		2	72 8	2	66 0	2	57 7	2	47 9	2	36 4		
4		4	72 7	4	65 9	4	57 5	4	47 7	4	36 2		
6		6	72 6	6	65 7	6	57 3	6	47 5	6	36 0		
8		8	72 5	8	65 5	8	57 1	8	47 3	8	35 8		
7		17	72 3	7	65 4	17	56 9	27	47 1	37	35 5		
2		2	72 2	2	65 3	2	56 7	2	46 9	2	35 3		
4		4	72 1	4	65 1	4	56 5	4	46 7	4	35 1		
6		6	71 9	6	65 0	6	56 3	6	46 5	6	34 9		
8		8	71 8	8	64 6	8	56 1	8	46 3	8	34 7		
8		18	71 7	8	64 7	18	56 0	28	46 1	38	34 4		
2		2	71 5	2	64 5	2	55 8	2	45 8	2	34 1		
4		4	71 4	4	64 3	4	55 6	4	45 6	4	33 9		
6		6	71 3	6	64 2	6	55 4	6	45 4	6	33 7		
8		8	71 1	8	64 1	8	55 2	8	45 2	8	33 4		
9		19	71 0	9	63 9	19	55 0	29	44 9	39	33 2		
2		2	70 9	2	63 8	2	54 9	2	44 7	2	33 0		
4		4	70 7	4	63 6	4	54 7	4	44 5	4	32 8		
6		6	70 6	6	63 5	6	54 5	6	44 3	6	32 5		
8		8	70 5	8	63 3	8	54 3	8	44 1	8	32 3		
10		20	70 3	10	63 1	20	54 1	30	43 9	40	32 1		

GLASS HYDROMETER.

Temperature 41° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	2	32 1	50	19 3	60	4 7	70	11 3	80	32 12	90	67 4											
	4	31 8		19 0		4 4		11 6		32 7		68 2											
	6	31 6		18 7		4 1		12 0		33 2		69 0											
	8	31 3		18 5		3 8		12 3		33 7		69 8											
		31 1		18 2		3 5		12 6		34 2		70 6											
41	2	30 9	51	17 9	61	3 2	71	13 0	81	34 7	91	71 4											
	4	30 6		17 6		2 9		13 4		35 3		72 2											
	6	30 4		17 3		2 6		13 8		35 8		72 9											
	8	30 1		17 1		2 3		14 2		36 3		73 7											
		29 9		16 8		2 0		14 6		36 9		74 4											
42	2	29 6	52	16 5	52	1 7	72	15 0	82	37 5	92	75 1											
	4	29 3		16 2		1 4		15 4		38 1		75 8											
	6	29 1		15 9		1 1		15 7		38 7		76 6											
	8	28 9		15 8		0 8		16 0		39 3		77 4											
		28 7		15 4		0 5		16 4		39 9		78 1											
43	2	28 4	53	15 1	53	0 2	73	16 8	83	40 5	93	78 8											
	4	28 1		14 8		0 1		17 2		41 1		79 6											
	6	27 0		14 5		0 4		17 6		41 7		80 2											
	8	27 7		14 3		0 7		18 0		42 3		80 9											
		27 4		14 0		1 0		18 4		42 9		81 6											
44	2	27 1	54	13 7	64	1 3	74	18 8	84	43 5	94	82 3											
	4	26 8		13 4		1 7		19 3		44 1		83 0											
	6	26 6		13 1		2 0		19 8		44 7		83 6											
	8	26 3		12 9		2 3		20 2		45 4		84 3											
		26 1		12 6		2 6		20 6		46 0		84 9											
45	2	25 8	55	12 3	65	2 9	75	21 0	85	46 7	95	85 8											
	4	25 5		12 0		3 3		21 4		47 4		86 2											
	6	25 3		11 7		3 6		21 9		48 2		86 9											
	8	25 1		11 4		3 9		22 3		48 9		87 5											
		24 8		11 1		4 2		22 7		49 7		88 1											
46	2	24 5	56	10 8	66	4 5	76	23 2	86	50 5	96	88 7											
	4	24 3		10 5		4 9		23 7		51 3		89 3											
	6	24 0		10 2		5 2		24 1		52 1		89 9											
	8	23 7		9 9		5 5		24 6		53 0		90 5											
		23 5		9 6		5 9		25 0		53 8		91 1											
47	2	23 2	57	9 3	67	6 2	77	25 4	87	54 7	97	91 7											
	4	23 0		9 0		6 6		25 8		55 6		92 2											
	6	22 7		8 7		6 9		26 3		56 5		92 7											
	8	22 5		8 3		7 2		26 7		57 3		93 2											
		22 2		8 0		7 5		27 1		58 2		94 9											
48	2	21 9	58	7 7	68	7 9	78	27 5	88	59 1	98	94 4											
	4	21 7		7 4		8 2		27 9		60 0		94 9											
	6	21 4		7 1		8 5		28 3		60 8		95 4											
	8	21 2		6 8		8 8		28 7		61 7		95 9											
		20 9		6 5		9 1		29 1		62 5		96 5											
49	2	20 6	59	6 2	69	9 5	79	29 6	89	63 3	99	97 1											
	4	20 4		5 9		9 9		30 1		64 2		97 6											
	6	20 1		5 6		10 2		30 6		65 0		98 1											
	8	19 8		5 3		10 5		31 1		65 8		98 7											
		19 6		5 0		10 9		31 7		66 6		99 2											
50	2	19 3	60	4 7	70	11 3	80	32 2	90	67 4	100	99 7											

GLASS HYDROMETER.

A

Temperature 42° F.

Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof
A			A			A			A			A		
0	2		10	12		0	12		16	12		20	12	
4	6		4	6		4	6		4	6		4	6	
8	8		8	8		8	8		8	8		8	8	
1	2		11	2		1	2		11	2		21	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
12	2		12	2		12	2		12	2		22	2	
4	4		4	4		4	4		4	4		4	4	
8	8		8	8		8	8		8	8		8	8	
3	2		13	2		3	2		13	2		23	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
1	2		14	2		4	2		14	2		24	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
5	2		15	2		6	2		15	2		25	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
6	2		16	2		6	2		16	2		26	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
7	2		17	2		7	2		17	2		27	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
8	2		18	2		8	2		18	2		28	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
9	2		19	2		9	2		19	2		29	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	
10	2		20	2		10	2		20	2		30	2	
4	4		4	4		4	4		4	4		4	4	
6	6		6	6		6	6		6	6		6	6	
8	8		8	8		8	8		8	8		8	8	

GLASS HYDROMETER.

Temperature 42° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	31 7	50	19 0	60	4 4	70	11 6	80	32 0	90	67 6		
2	31 5	2	18 7	2	4 1	12	12 0	2	33 1	2	68 4		
4	31 3	4	18 4	4	3 8	4	12 3	4	33 6	4	69 2		
6	31 0	6	18 1	6	3 5	6	12 6	6	34 1	6	69 0		
8	30 8	8	17 9	8	3 2	8	13 0	8	34 6	8	70 7		
41	30 5	51	17 6	61	1 9	71	13 4	81	35 1	91	71 4		
12	30 3	2	17 3	2	1 6	12	13 8	12	35 7	2	72 2		
4	30 1	4	17 0	4	1 3	4	14 2	4	36 2	4	73 0		
6	29 8	6	16 8	6	1 0	6	14 5	6	36 7	6	73 7		
8	29 6	8	16 5	8	1 7	8	14 9	8	37 3	8	74 5		
42	29 3	52	16 2	62	1 4	72	15 3	82	37 9	92	75 2		
2	29 1	2	15 9	2	1 1	2	15 7	2	38 5	2	76 0		
4	28 8	4	15 6	4	0 8	4	16 1	4	39 1	4	76 7		
6	28 5	6	15 3	6	0 5	6	16 4	6	39 7	6	77 4		
8	28 3	8	15 1	8	0 2	8	16 8	8	40 3	8	78 2		
43	28 1	53	14 8	63	0 1	73	17 2	83	40 9	93	78 9		
2	27 8	2	14 5	2	0 4	2	17 6	2	41 5	2	79 0		
4	27 5	4	14 2	4	0 7	4	18 0	4	42 1	4	80 3		
6	27 3	6	14 0	6	1 0	6	18 4	6	42 7	6	81 0		
8	27 1	8	13 7	8	1 3	8	18 8	8	43 3	8	81 7		
44	26 8	54	13 4	64	1 7	74	19 3	84	43 9	94	82 3		
2	26 5	2	13 1	2	2 0	2	19 7	2	44 5	2	83 0		
4	26 3	4	12 8	4	2 3	4	20 2	4	45 1	4	83 0		
6	26 0	6	12 5	6	2 6	6	20 6	6	45 8	6	84 3		
8	25 8	8	12 2	8	2 9	8	21 0	8	46 5	8	84 0		
45	25 5	55	11 9	65	3 3	75	21 4	85	47 2	95	85 6		
2	25 2	2	11 6	2	3 6	2	21 9	2	47 0	2	86 2		
4	25 0	4	11 3	4	3 9	4	22 3	4	48 6	4	86 0		
6	24 7	6	11 0	6	4 2	6	22 8	6	49 3	6	87 6		
8	24 5	8	10 7	8	4 5	8	23 2	8	50 1	8	88 2		
46	24 2	56	10 4	66	4 9	76	23 6	86	50 9	96	88 7		
2	23 9	2	10 1	2	5 2	2	24 1	2	51 7	2	89 3		
4	23 7	4	9 8	4	5 5	4	24 5	4	52 5	4	89 9		
6	23 4	6	9 5	6	5 9	6	25 0	6	53 3	6	90 5		
8	23 2	8	9 2	8	6 2	8	25 4	8	54 2	8	91 1		
47	22 9	57	8 9	67	6 6	77	25 8	87	55 0	97	91 6		
2	22 7	2	8 6	2	6 9	2	26 2	2	55 9	2	92 2		
4	22 4	4	8 3	4	7 3	4	26 6	4	56 7	4	92 8		
6	22 2	6	8 0	6	7 6	6	27 0	6	57 6	6	93 4		
8	21 9	8	7 7	8	7 9	8	27 4	8	58 5	8	93 9		
48	21 6	58	7 4	68	8 2	78	27 8	88	59 3	98	94 4		
2	21 4	2	7 1	2	8 5	2	28 2	2	60 2	2	94 9		
4	21 1	4	6 8	4	8 9	4	28 6	4	61 0	4	95 5		
6	20 9	6	6 5	6	9 2	6	29 0	6	61 9	6	96 1		
8	20 6	8	6 2	8	9 5	8	29 5	8	62 8	8	96 6		
49	20 3	59	5 9	69	9 9	79	30 0	89	63 6	99	97 1		
2	20 1	2	5 6	2	10 2	2	30 5	2	64 5	2	97 6		
4	19 8	4	5 3	4	10 6	4	31 0	4	65 3	4	98 2		
6	19 5	6	5 0	6	10 9	6	31 6	6	66 1	6	98 7		
8	19 3	8	4 7	8	11 2	8	32 1	8	66 8	8	99 2		
50	19 0	60	4 4	70	11 6	80	32 6	90	67 6	100	99 7		

GLASS HYDROMETER

A

Temperature 43° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69 9	10	62 7	20	53 6	30	43 2
12		12		2	69 8	2	62 5	2	53 4	2	42 9
4		4		4	69 7	4	62 3	4	53 3	4	42 7
6		6		6	69 6	6	62 1	6	53 1	6	42 5
8		8		8	69 4	8	61 9	8	52 9	8	42 3
1		11		1	69 3	11	61 8	21	52 7	31	42 0
12		2		12	69 2	2	61 6	2	52 5	2	41 7
4		4		4	69 0	4	61 4	4	52 3	4	41 5
6		6		6	68 9	6	61 3	6	52 1	6	41 2
8		8		8	68 8	8	61 1	8	51 9	8	41 0
12		12	73 2	2	68 6	12	60 9	22	51 7	32	40 7
2		2		2	68 5	2	60 7	2	51 5	2	40 5
4		4		4	68 4	4	60 5	4	51 3	4	40 3
6		6		6	68 2	6	60 3	6	51 1	6	40 1
8		8		8	68 1	8	60 1	8	50 9	8	39 8
3		13		3	68 0	13	59 9	23	50 7	33	39 6
2		2		2	67 8	2	59 8	2	50 5	2	39 4
4		4		4	67 7	4	59 6	4	50 3	4	39 2
6		6		6	67 6	6	59 5	6	50 1	6	38 9
8		8		8	67 5	8	59 3	8	49 9	8	38 7
4		14		4	67 3	14	59 1	24	49 7	34	38 5
2		2		2	67 1	2	58 9	2	49 5	2	38 2
4		4		4	67 0	4	58 7	4	49 2	4	37 9
6		6		6	66 9	6	58 6	6	49 0	6	37 7
8		8		8	66 7	8	58 4	8	48 8	8	37 5
5		15		5	66 5	15	58 2	25	48 6	35	37 3
2		2		2	66 4	2	58 1	2	48 4	2	37 0
4		4		4	66 3	4	57 9	4	48 2	4	36 8
6		6		6	66 1	6	57 7	6	48 0	6	36 5
8		8		8	65 9	8	57 5	8	47 8	8	36 3
6		16		6	65 8	16	57 3	26	47 6	36	36 1
2		2		2	65 6	2	57 2	2	47 4	2	35 9
4		4		4	65 5	4	57 0	4	47 2	4	35 7
6		6		6	65 3	6	56 8	6	47 0	6	35 4
8		8		8	65 1	8	56 6	8	46 8	8	35 2
7		17		7	65 0	17	56 4	27	46 6	37	35 0
2		2		2	64 9	2	56 3	2	46 4	2	34 7
4		4		4	64 7	4	56 1	4	46 1	4	34 5
6		6		6	64 6	6	55 9	6	45 9	6	34 3
8		8		8	64 4	8	55 7	8	45 7	8	34 1
8		18		8	64 3	18	55 5	28	45 5	38	33 8
2		2		2	64 1	2	55 3	2	45 3	2	33 5
4		4		4	63 9	4	55 1	4	45 1	4	33 3
6		6		6	63 8	6	54 9	6	44 8	6	33 1
8		8		8	63 7	8	54 7	8	44 6	8	32 9
9		19		9	63 5	19	54 5	29	44 4	39	32 7
2		2		2	63 3	2	54 3	2	44 2	2	32 4
4		4		4	63 1	4	54 1	4	44 0	4	32 2
6		6		6	63 0	6	53 9	6	43 7	6	31 0
8		8		8	62 8	8	53 8	8	43 5	8	31 7
10		20		10	62 7	20	63 6	30	43 2	40	31 5

GLASS HYDROMETER

Temperature 43° F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	31 5	50	18 6	60	4 1	70	12 6	80	33 1	90	67 8				
2	31 2	2	18 3	2	3 8	2	12 3	2	33 6	2	68 6				
4	31 0	4	18 1	4	3 5	4	12 7	4	34 1	4	69 3				
6	30 7	6	17 8	6	3 2	6	13 6	6	34 6	6	70 1				
8	30 5	8	17 6	8	2 9	8	13 4	8	35 1	8	70 9				
41	30 3	51	17 3	61	2 6	71	13 7	81	35 6	91	71 7				
2	30 0	2	17 0	2	2 3	2	14 1	2	36 1	2	72 4				
4	29 8	4	16 7	4	2 6	4	14 5	4	36 6	4	73 1				
6	29 5	6	16 4	6	1 7	6	14 9	6	37 2	6	73 8				
8	29 3	8	16 1	8	1 4	8	15 3	8	37 8	8	74 6				
42	29 0	52	15 8	62	1 1	72	15 7	82	38 4	92	75 3				
2	28 7	2	15 5	2	0 8	2	16 1	2	39 0	2	76 0				
4	28 5	4	15 3	4	0 5	4	16 4	4	39 6	4	76 8				
6	28 3	6	15 0	6	0 2	6	16 8	6	40 2	6	77 5				
8	28 1	8	14 7	8	0 1	8	17 2	8	40 8	8	78 3				
43	27 8	53	14 5	63	0 4	73	17 0	83	41 4	93	79 0				
2	27 5	2	11 2	2	0 7	2	18 0	2	42 0	2	79 7				
4	27 3	4	13 9	4	1 1	4	18 4	4	42 6	4	80 4				
6	27 1	6	13 7	6	1 4	6	18 8	6	43 2	6	81 0				
8	26 9	8	13 4	8	1 7	8	19 2	8	43 8	8	81 7				
44	26 6	54	13 1	64	2 0	74	19 6	84	44 4	94	82 4				
2	26 2	2	12 8	2	2 3	2	20 1	2	45 0	2	83 0				
4	26 0	4	12 5	4	2 7	4	20 6	4	45 6	4	83 6				
6	25 7	6	12 2	6	3 0	6	21 0	6	46 2	6	84 3				
8	25 5	8	11 9	8	3 3	8	21 4	8	47 0	8	85 0				
45	25 2	55	11 6	65	3 6	75	21 8	85	47 7	95	85 0				
2	24 9	2	11 3	2	3 9	2	22 3	2	48 4	2	86 2				
4	24 7	4	11 0	4	4 3	4	22 8	4	49 1	4	86 9				
6	24 4	6	10 7	6	4 6	6	23 2	6	49 8	6	87 6				
8	24 2	8	10 4	8	4 9	8	23 6	8	50 6	8	88 2				
46	23 0	56	10 1	66	5 2	76	24 0	86	51 4	96	88 8				
2	23 6	2	9 8	2	5 5	2	24 5	2	52 2	2	89 4				
4	23 4	4	9 5	4	5 9	4	24 9	4	53 0	4	90 0				
6	23 1	6	9 2	6	6 2	6	25 3	6	53 8	6	90 6				
8	22 9	8	8 9	8	6 6	8	25 7	8	54 6	8	91 2				
47	22 6	57	8 6	67	7 6	77	26 1	87	55 4	97	91 7				
2	22 3	2	8 3	2	7 3	2	26 6	2	56 2	2	92 2				
4	22 0	4	8 0	4	7 6	4	27 0	4	57 1	4	92 8				
6	21 7	6	7 7	6	7 9	6	27 4	6	57 9	6	93 4				
8	21 5	8	7 4	8	8 2	8	27 8	8	58 8	8	93 9				
48	21 2	58	7 1	68	8 5	78	28 2	88	59 6	98	94 4				
2	20 9	2	6 8	2	8 9	2	28 6	2	60 4	2	94 9				
4	20 7	4	6 5	4	9 2	4	29 0	4	61 3	4	95 5				
6	20 4	6	6 2	6	9 5	6	29 4	6	62 2	6	96 0				
8	20 2	8	5 9	8	9 9	8	29 9	8	63 0	8	96 6				
49	19 9	59	5 6	69	10 2	79	30 4	89	63 8	99	97 1				
2	19 7	2	5 3	2	16 6	2	30 9	2	64 6	2	97 7				
4	19 4	4	5 0	4	16 9	4	31 4	4	65 4	4	98 2				
6	19 2	6	4 7	6	17 2	6	32 0	6	66 2	6	98 7				
8	18 9	8	4 4	8	11 6	8	32 6	8	67 0	8	99 2				
50	18 6	60	4 1	70	12 6	80	33 1	90	67 8	100	99 7				

GLASS HYDROMETER

A

Temperature 44° F.

Dips on Stem A	Per cent. over Proof	Dips on Stem A	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof
0		10		0	69 7	10	62 5	20	53 4	30	43 0
12		2		2	69 6	2	62 3	12	53 2	2	42 7
4		4		4	69 5	4	62 1	4	53 0	4	42 4
6		6		6	69 4	6	61 9	6	52 9	6	42 1
8		8		8	69 2	8	61 7	8	52 7	8	41 9
1		11		1	69 1	11	61 5	21	52 5	31	41 7
2		2		2	69 0	2	61 4	2	52 3	2	41 4
4		4	75 2	4	68 8	4	61 2	4	52 1	4	41 1
6		6	75 1	6	68 7	6	61 0	6	51 0	6	40 9
8		8	75 0	8	68 6	8	60 8	8	51 7	8	40 7
2		12		12	68 4	12	60 7	22	51 5	22	40 4
4		2	74 7	2	68 3	2	60 5	2	51 3	2	40 2
6		4	74 6	4	68 2	4	60 3	4	51 1	4	40 0
8		6	74 5	6	68 0	6	60 1	6	50 0	6	39 8
2		8	74 4	8	67 9	8	59 9	8	50 6	8	39 5
4		13		13	67 8	13	59 7	23	50 4	33	30 3
6		2	74 2	2	67 6	2	59 6	2	50 2	2	39 1
8		4	74 0	4	67 5	4	59 4	4	50 0	4	38 9
2		6	73 9	6	67 4	6	59 2	6	49 9	6	38 6
4		8	73 8	8	67 3	8	59 0	8	49 7	8	38 4
6		14		14	67 1	14	58 9	24	49 4	34	38 1
8		2	73 5	2	66 9	2	58 7	2	49 2	2	37 9
2		4	73 4	4	66 7	4	58 5	4	49 0	4	37 7
4		6	73 3	6	66 6	6	58 3	6	48 8	6	37 4
6		8	73 2	8	66 5	8	58 1	8	48 6	8	37 2
9		15		15	66 3	15	58 0	25	48 4	35	36 9
2		2	72 9	2	66 2	2	57 8	2	48 2	2	36 7
4		4	72 8	4	66 0	4	57 6	4	48 0	4	36 5
6		6	72 6	6	65 9	6	57 5	6	47 7	6	36 3
8		8	72 5	8	65 7	8	57 3	8	47 5	8	36 1
2		16		16	65 6	16	57 1	26	47 3	36	35 8
4		2	72 2	2	65 4	2	56 9	2	47 1	2	35 6
6		4	72 1	4	65 3	4	56 7	4	46 9	4	35 4
8		6	72 0	6	65 1	6	56 5	6	46 7	6	35 1
2		17		17	65 0	17	56 3	27	46 5	37	34 9
4		2	71 9	2	64 8	2	56 1	2	46 3	2	34 7
6		4	71 7	4	64 7	4	56 0	4	46 1	4	34 5
8		6	71 6	6	64 5	6	55 8	6	45 9	6	34 3
2		18		18	64 4	18	55 6	28	45 7	38	34 0
4		2	71 3	2	64 3	2	55 4	2	45 5	2	33 8
6		4	71 2	4	64 2	4	55 3	4	45 2	4	33 6
8		6	71 1	6	64 0	6	55 1	6	44 9	6	33 4
2		19		19	63 9	19	54 9	29	44 7	39	33 1
4		2	70 9	2	63 8	2	54 8	2	44 5	2	32 8
6		4	70 8	4	63 6	4	54 7	4	44 3	4	32 6
8		6	70 7	6	63 5	6	54 5	6	44 1	6	32 3
2		10		10	63 3	10	54 3	20	43 9	30	32 1
4		2	70 4	2	63 1	2	54 1	2	43 7	2	31 9
6		4	70 3	4	62 9	4	53 9	4	43 6	4	31 6
8		6	70 1	6	62 8	6	53 7	6	43 3	6	31 4
2		8	69 9	8	62 6	8	53 5	8	43 1	8	31 1
4		10		10	62 5	10	53 4	20	42 9	30	

GLASS HYDROMETER.

Temperature 44° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	31 1	50	18 3	60	3 8	70	12 3	80	33 5	90	67 9		
2	30 9	12	18 0	2	3 5	12	12 7	2	34 0	2	69 7		
4	30 7	4	17 8	4	3 2	4	13 1	4	34 5	4	69 5		
6	30 5	6	17 5	6	2 9	6	13 4	6	35 0	6	70 3		
8	30 3	8	17 3	8	2 6	8	13 7	8	35 5	8	71 0		
10	30 0	10	17 0	10	2 3	10	14 1	10	36 0	10	71 7		
12	29 7	12	16 7	12	2 0	12	14 5	12	36 5	12	72 5		
14	29 5	14	16 4	14	1 7	14	14 9	14	37 0	14	73 2		
16	29 2	16	16 1	16	1 4	16	15 3	16	37 6	16	73 9		
18	29 0	18	15 8	18	1 1	18	15 7	18	38 2	18	74 7		
20	28 7	20	15 5	20	0 8	20	16 1	20	38 8	20	75 4		
22	28 4	22	15 2	22	0 5	22	16 5	22	39 4	22	76 1		
24	28 2	24	14 9	24	0 2	24	16 9	24	40 0	24	76 8		
26	27 9	26	14 7	26	0 1	26	17 2	26	40 6	26	77 5		
28	27 7	28	14 5	28	0 4	28	17 6	28	41 2	28	78 2		
30	27 5	30	14 2	30	0 7	30	18 0	30	41 8	30	79 0		
32	27 2	32	13 9	32	1 1	32	18 4	32	42 5	32	79 7		
34	26 9	34	13 6	34	1 4	34	18 8	34	43 1	34	80 4		
36	26 7	36	13 4	36	1 7	36	19 2	36	43 7	36	81 1		
38	26 5	38	13 1	38	2 0	38	19 6	38	44 3	38	81 8		
40	26 2	40	12 8	40	2 3	40	20 1	40	44 9	40	82 4		
42	25 9	42	12 5	42	2 7	42	20 5	42	45 5	42	83 1		
44	25 7	44	12 2	44	3 0	44	21 0	44	46 1	44	83 7		
46	25 4	46	11 9	46	3 3	46	21 4	46	46 8	46	84 4		
48	25 2	48	11 6	48	3 6	48	21 8	48	47 5	48	85 0		
50	24 9	50	11 3	50	3 9	50	22 2	50	48 2	50	85 7		
52	24 6	52	11 0	52	4 3	52	22 7	52	48 9	52	86 3		
54	24 3	54	10 7	54	4 6	54	23 2	54	49 6	54	86 9		
56	24 1	56	10 4	56	4 9	56	23 6	56	50 4	56	87 5		
58	23 8	58	10 1	58	5 2	58	24 0	58	51 2	58	88 1		
60	23 6	60	9 8	60	5 5	60	24 4	60	51 9	60	88 7		
62	23 3	62	9 5	62	5 9	62	24 9	62	52 7	62	89 3		
64	23 0	64	9 2	64	6 2	64	25 3	64	53 4	64	89 9		
66	22 7	66	8 9	66	6 6	66	25 7	66	54 2	66	90 5		
68	22 5	68	8 6	68	6 9	68	26 1	68	55 0	68	91 1		
70	22 2	70	8 3	70	7 3	70	26 5	70	55 8	70	91 7		
72	21 9	72	8 0	72	7 6	72	26 9	72	56 6	72	92 2		
74	21 7	74	7 7	74	7 9	74	27 3	74	57 4	74	92 8		
76	21 4	76	7 4	76	8 2	76	27 7	76	58 2	76	93 4		
78	21 1	78	7 1	78	8 5	78	28 1	78	59 1	78	93 9		
80	20 9	80	6 8	80	8 9	80	28 5	80	59 9	80	94 4		
82	20 6	82	6 5	82	9 2	82	28 9	82	60 7	82	95 0		
84	20 4	84	6 2	84	9 6	84	29 4	84	61 5	84	95 5		
86	20 1	86	5 9	86	9 9	86	29 8	86	62 4	86	96 1		
88	19 9	88	5 6	88	10 2	88	30 3	88	63 2	88	96 6		
90	19 7	90	5 3	90	10 6	90	30 8	90	64 0	90	97 2		
92	19 4	92	5 0	92	10 9	92	31 4	92	64 8	92	97 7		
94	19 1	94	4 7	94	11 3	94	31 9	94	65 6	94	98 2		
96	18 9	96	4 4	96	11 6	96	32 4	96	66 4	96	98 7		
98	18 6	98	4 1	98	11 9	98	33 0	98	67 1	98	99 2		
100	18 3	100	3 9	100	12 3	100	33 5	100	67 9	100	99 7		

GLASS HYDROMETER.

A

Temperature 45° F.

Divs on Stem A	Per cent. over Proof	Divs on Stem A	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof
0		10		0	69 5	10	62 2	20	53 1	30	42 6		
2		2		2	69 4	2	62 1	2	53 0	2	42 3		
4		4		4	69 3	4	61 9	4	52 8	4	42 1		
6		6		6	69 2	6	61 7	6	52 6	6	41 8		
8		8		8	69 0	8	61 5	8	52 4	8	41 6		
1		11		1	68 9	11	61 3	21	52 2	31	41 3		
12		2	75 2	2	68 8	2	61 1	2	52 0	2	41 1		
4		4	75 1	4	68 6	4	60 9	4	51 8	4	40 9		
6		6	75 0	6	68 5	6	60 7	6	51 6	6	40 6		
8		8	74 8	8	68 4	8	60 5	8	51 4	8	40 4		
2		12		2	68 2	12	60 4	22	51 2	32	40 1		
2		2	74 7	2	68 1	2	60 2	2	51 0	2	39 9		
4		4	74 6	4	68 0	4	60 1	4	50 8	4	39 7		
6		6	74 5	6	67 8	6	59 9	6	50 6	6	39 6		
8		8	74 4	8	67 7	8	59 7	8	50 3	8	39 3		
3		13		3	67 6	13	59 5	23	50 1	33	39 1		
4		2	74 6	2	67 4	2	59 3	2	49 9	2	38 8		
6		6	73 0	4	67 3	4	59 1	4	49 7	4	38 6		
8		8	73 7	6	67 2	6	59 0	6	49 5	6	38 3		
4		8	73 8	8	67 0	8	58 9	8	49 3	8	38 1		
8		14		4	66 9	14	58 7	24	49 1	34	37 9		
2		2	73 3	2	66 7	2	58 5	2	48 9	2	37 6		
4		4	73 2	4	66 5	4	58 3	4	48 7	4	37 4		
6		6	73 1	6	66 4	6	58 1	6	48 5	6	37 1		
8		8	73 0	8	66 3	8	57 9	8	48 3	8	36 9		
5		15		5	66 1	15	57 7	25	48 1	35	36 7		
2		2	72 7	2	65 9	2	57 6	2	47 9	2	36 4		
4		4	72 6	4	65 8	4	57 4	4	47 7	4	36 2		
6		6	72 4	6	65 6	6	57 2	6	47 5	6	36 0		
8		8	72 3	8	65 5	8	57 0	8	47 3	8	35 8		
6		16		6	65 3	16	56 9	26	47 1	36	35 6		
2		2	72 1	2	65 2	2	56 7	2	46 9	2	35 3		
4		4	71 9	4	65 1	4	56 5	4	46 7	4	35 1		
6		6	71 8	6	64 9	6	56 3	6	46 5	6	34 9		
8		8	71 7	8	64 7	8	56 1	8	46 2	8	34 7		
7		17		7	64 6	17	55 9	27	46 0	37	34 4		
2		2	71 4	2	64 5	2	55 7	2	45 8	2	34 1		
4		4	71 3	4	64 3	4	55 5	4	45 6	4	33 9		
6		6	71 1	6	64 2	6	55 3	6	45 4	6	33 7		
8		8	71 0	8	64 0	8	55 1	8	45 2	8	33 5		
8		18		8	63 9	18	55 0	28	44 9	38	33 3		
2		2	70 7	2	62 7	2	54 8	2	44 7	2	33 0		
4		4	70 6	4	63 5	4	54 6	4	44 5	4	32 8		
6		6	70 5	6	63 4	6	54 4	6	44 3	6	32 5		
8		8	70 3	8	63 2	8	54 3	8	44 1	8	32 3		
9		19		9	63 1	19	54 1	29	43 8	39	32 1		
2		2	70 1	2	62 9	2	53 9	2	43 6	2	31 9		
4		4	69 9	4	62 7	4	53 7	4	43 3	4	31 6		
6		6	69 8	6	62 5	6	53 5	6	43 1	6	31 3		
8		8	69 7	8	62 3	8	53 3	8	42 8	8	31 1		
10		20		10	62 2	20	53 1	30	42 6	40	30 9		

GLASS HYDROMETER.

Temperature 45° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	30 9	50	18 0	60	3 4	70	12 7	80	33 7	90	68 1
12	30 6	2	17 7	12	3 1	12	13 0	12	34 12	12	68 9
4	30 4	4	17 4	4	2 8	4	13 4	4	34 8	4	69 7
8	30 1	6	17 1	6	2 5	6	13 8	6	35 3	6	70 5
12	29 9	8	16 9	8	2 2	8	14 12	8	35 8	8	71 12
16	29 7	10	16 6	10	1 9	10	14 6	10	36 3	10	71 9
20	29 4	12	16 3	12	1 6	12	14 9	12	36 8	12	72 6
24	29 1	14	16 0	14	1 3	14	15 3	14	37 1	14	73 3
28	28 9	16	15 7	16	1 0	16	15 7	16	38 0	16	74 0
32	28 7	18	15 4	18	0 7	18	16 1	18	38 6	18	74 8
36	28 4	20	15 1	20	0 4	20	16 5	20	39 2	20	75 5
40	28 1	22	14 9	22	0 1	22	16 9	22	39 8	22	76 2
44	27 9	24	14 7	24	0 1	24	17 3	24	40 4	24	76 9
48	27 7	26	14 4	26	0 5	26	17 7	26	41 0	26	77 6
52	27 5	28	14 1	28	0 8	28	18 1	28	41 6	28	78 4
56	27 2	30	13 9	30	1 1	30	18 6	30	42 3	30	79 1
60	26 9	32	13 6	32	1 4	32	18 9	32	42 9	32	79 8
64	26 6	34	13 3	34	1 7	34	19 3	34	43 5	34	80 4
68	26 4	36	13 0	36	2 0	36	19 7	36	44 1	36	81 1
72	26 1	38	12 7	38	2 3	38	20 1	38	44 7	38	81 8
76	25 9	40	12 4	40	2 6	40	20 5	40	45 2	40	82 6
80	25 6	42	12 1	42	2 9	42	21 0	42	46 0	42	83 1
84	25 3	44	11 8	44	3 3	44	21 4	44	46 6	44	83 8
88	25 0	46	11 5	46	3 6	46	21 8	46	47 3	46	84 4
92	24 7	48	11 2	48	3 9	48	22 2	48	48 0	48	85 1
96	24 4	50	10 9	50	4 3	50	22 6	50	48 7	50	85 7
100	24 1	52	10 6	52	4 6	52	23 1	52	49 4	52	86 4
		54	10 3	54	4 9	54	23 6	54	50 2	54	87 0
		56	10 0	56	5 2	56	24 0	56	50 9	56	87 6
		58	9 7	58	5 5	58	24 4	58	51 7	58	88 2
		60	9 4	60	5 9	60	24 8	60	52 4	60	88 8
		62	9 1	62	6 2	62	25 2	62	53 2	62	89 4
		64	8 8	64	6 6	64	25 6	64	53 9	64	90 0
		66	8 5	66	6 9	66	26 0	66	54 7	66	90 6
		68	8 2	68	7 3	68	26 4	68	55 4	68	91 2
		70	7 9	70	7 6	70	26 8	70	56 2	70	91 7
		72	7 6	72	7 9	72	27 2	72	57 0	72	92 3
		74	7 3	74	8 2	74	27 6	74	57 8	74	92 8
		76	7 0	76	8 5	76	28 0	76	58 6	76	93 4
		78	6 7	78	8 9	78	28 4	78	59 4	78	94 0
		80	6 4	80	9 2	80	28 9	80	60 2	80	94 5
		82	6 1	82	9 6	82	29 4	82	61 0	82	95 0
		84	5 8	84	9 9	84	29 8	84	61 8	84	95 6
		86	5 5	86	10 2	86	30 2	86	62 6	86	96 1
		88	5 2	88	10 6	88	30 7	88	63 4	88	96 7
		90	4 9	90	10 9	90	31 2	90	64 2	90	97 2
		92	4 6	92	11 3	92	31 7	92	65 0	92	97 7
		94	4 3	94	11 7	94	32 2	94	65 8	94	98 3
		96	4 0	96	12 0	96	32 7	96	66 6	96	98 8
		98	3 7	98	12 3	98	33 2	98	67 3	98	99 3
50	18 0	60	3 4	70	12 7	80	33 7	90	68 1	100	99 8

GLASS HYDROMETER.

A

Temperature 46° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69.4	10	61.9	20	52.9	30	42.3		
1		11	75.2	1	69.1	11	61.8	21	52.7	31	42.0		
2		12	75.1	2	69.0	12	61.6	22	52.5	32	41.8		
3		13	75.0	3	68.9	13	61.4	23	52.3	33	41.5		
4		14	74.8	4	68.7	14	61.2	24	52.1	34	41.3		
5		15	74.6	5	68.5	15	61.0	25	51.9	35	41.0		
6		16	74.5	6	68.3	16	60.9	26	51.7	36	40.7		
7		17	74.4	7	68.2	17	60.7	27	51.5	37	40.5		
8		18	74.2	8	68.1	18	60.5	28	51.3	38	40.3		
9		19	74.1	9	67.9	19	60.3	29	51.1	39	40.1		
10		20	74.0	10	67.8	20	60.0	30	50.9	40	39.9		
11		21	73.9	11	67.7	21	59.8	31	50.7				
12		22	73.7	12	67.6	22	59.6	32	50.5				
13		23	73.6	13	67.5	23	59.5	33	50.3				
14		24	73.5	14	67.3	24	59.3	34	50.1				
15		25	73.3	15	67.1	25	59.1	35	49.9				
16		26	73.2	16	67.0	26	58.9	36	49.7				
17		27	73.1	17	66.8	27	58.7	37	49.5				
18		28	73.0	18	66.6	28	58.5	38	49.3				
19		29	72.9	19	66.5	29	58.4	39	49.1				
20		30	72.7	20	66.3	30	58.2	40	48.9				
		31	72.6	21	66.2	31	58.0	41	48.7				
		32	72.5	22	66.1	32	57.8	42	48.5				
		33	72.4	23	65.9	33	57.6	43	48.3				
		34	72.3	24	65.7	34	57.4	44	48.1				
		35	72.2	25	65.6	35	57.3	45	47.9				
		36	72.1	26	65.5	36	57.1	46	47.7				
		37	72.0	27	65.3	37	56.9	47	47.5				
		38	71.9	28	65.2	38	56.8	48	47.3				
		39	71.8	29	65.1	39	56.6	49	47.1				
		40	71.7	30	64.9	40	56.4	50	46.9				
		41	71.6	31	64.7	41	56.2	51	46.7				
		42	71.5	32	64.5	42	56.0	52	46.5				
		43	71.4	33	64.4	43	55.9	53	46.3				
		44	71.3	34	64.3	44	55.7	54	46.1				
		45	71.2	35	64.1	45	55.5	55	45.9				
		46	71.1	36	63.9	46	55.3	56	45.7				
		47	71.0	37	63.7	47	55.1	57	45.5				
		48	70.9	38	63.6	48	54.9	58	45.3				
		49	70.8	39	63.5	49	54.7	59	45.1				
		50	70.7	40	63.3	50	54.5	60	44.9				
		51	70.6	41	63.2	51	54.4	61	44.7				
		52	70.5	42	63.1	52	54.2	62	44.5				
		53	70.4	43	63.0	53	54.0	63	44.3				
		54	70.3	44	62.9	54	53.8	64	44.1				
		55	70.2	45	62.7	55	53.6	65	43.9				
		56	70.1	46	62.6	56	53.4	66	43.7				
		57	69.9	47	62.5	57	53.3	67	43.5				
		58	69.8	48	62.4	58	53.1	68	43.3				
		59	69.7	49	62.3	59	52.9	69	43.1				
		60	69.6	50	62.2	60	52.8	70	42.9				
		61	69.5	51	62.1	61	52.7	71	42.7				
		62	69.4	52	62.0	62	52.6	72	42.5				
		63	69.3	53	61.9	63	52.5	73	42.3				
		64	69.2	54	61.8	64	52.4	74	42.2				
		65	69.1	55	61.7	65	52.3	75	42.1				
		66	69.0	56	61.6	66	52.2	76	42.0				
		67	68.9	57	61.5	67	52.1	77	41.9				
		68	68.8	58	61.4	68	52.0	78	41.8				
		69	68.7	59	61.3	69	51.9	79	41.7				
		70	68.6	60	61.2	70	51.8	80	41.6				
		71	68.5	61	61.1	71	51.7	81	41.5				
		72	68.4	62	61.0	72	51.6	82	41.4				
		73	68.3	63	60.9	73	51.5	83	41.3				
		74	68.2	64	60.8	74	51.4	84	41.2				
		75	68.1	65	60.7	75	51.3	85	41.1				
		76	68.0	66	60.6	76	51.2	86	41.0				
		77	67.9	67	60.5	77	51.1	87	40.9				
		78	67.8	68	60.4	78	51.0	88	40.8				
		79	67.7	69	60.3	79	50.9	89	40.7				
		80	67.6	70	60.2	80	50.8	90	40.6				
		81	67.5	71	60.1	81	50.7	91	40.5				
		82	67.4	72	60.0	82	50.6	92	40.4				
		83	67.3	73	59.9	83	50.5	93	40.3				
		84	67.2	74	59.8	84	50.4	94	40.2				
		85	67.1	75	59.7	85	50.3	95	40.1				
		86	67.0	76	59.6	86	50.2	96	40.0				
		87	66.9	77	59.5	87	50.1	97	39.9				
		88	66.8	78	59.4	88	50.0	98	39.8				
		89	66.7	79	59.3	89	49.9	99	39.7				
		90	66.6	80	59.2	90	49.8	100	39.6				
		91	66.5	81	59.1	91	49.7						
		92	66.4	82	59.0	92	49.6						
		93	66.3	83	58.9	93	49.5						
		94	66.2	84	58.8	94	49.4						
		95	66.1	85	58.7	95	49.3						
		96	66.0	86	58.6	96	49.2						
		97	65.9	87	58.5	97	49.1						
		98	65.8	88	58.4	98	49.0						
		99	65.7	89	58.3	99	48.9						
		100	65.6	90	58.2		48.8						
			65.5	91	58.1		48.7						
			65.4	92	58.0		48.6						
			65.3	93	57.9		48.5						
			65.2	94	57.8		48.4						
			65.1	95	57.7		48.3						
			65.0	96	57.6		48.2						
			64.9	97	57.5		48.1						
			64.8	98	57.4		48.0						
			64.7	99	57.3		47.9						
			64.6	100	57.2		47.8						
			64.5		57.1		47.7						
			64.4		57.0		47.6						
			64.3		56.9		47.5						
			64.2		56.8		47.4						
			64.1		56.7		47.3						
			64.0		56.6		47.2						
			63.9		56.5		47.1						
			63.8		56.4		47.0						
			63.7		56.3		46.9						
			63.6		56.2		46.8						
			63.5		56.1		46.7						
			63.4		56.0		46.6						
			63.3		55.9		46.5						
			63.2		55.8		46.4						
			63.1		55.7		46.3						
			63.0		55.6		46.2						
			62.9		55.5		46.1						
			62.8		55.4		46.0						
			62.7		55.3		45.9						
			62.6		55.2		45.8						
			62.5		55.1		45.7						
			62.4		55.0		45.6						
			62.3		54.9		45.5						
			62.2		54.8		45.4						
			62.1		54.7		45.3						
			62.0		54.6		45.2						
			61.9		54.5		45.1						
			61.8		54.4		45.0						
			61.7		54.3		44.9						
			61.6		54.2		44.8						
			61.5		54.1		44.7						
			61.4		54.0		44.6						
			61.3		53.9		44.5						
			61.2		53.8		44.4						
			61.1		53.7		44.3						
			6										

Temperature 46° F.

C

GLASS HYDROMETER

A

Temperature 47° F

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69.2	10	61.7	20	52.6	30	42.0		
2		12		2	69.0	12	61.5	12	52.4	12	41.7		
4		14		4	68.9	14	61.3	14	52.3	14	41.5		
6		16	75.2	6	68.8	16	61.2	16	52.1	16	41.2		
8		18	75.1	8	68.7	18	61.0	18	51.9	18	41.0		
1		11	75.0	1	68.5	11	60.8	21	51.7	21	40.7		
2		12	74.8	2	68.4	12	60.7	22	51.5	22	40.5		
4		14	74.7	4	68.3	14	60.6	24	51.3	24	40.3		
6		16	74.6	6	68.1	16	60.3	26	51.1	26	40.0		
8		18	74.5	8	68.0	18	60.1	28	50.9	28	39.8		
2		12	74.4	2	67.9	12	60.9	22	50.7	32	39.6		
4		14	74.2	4	67.7	14	60.7	24	50.5	34	39.4		
6		16	74.1	6	67.6	16	60.6	26	50.2	36	39.1		
8		18	74.0	8	67.4	18	60.4	28	50.0	38	38.9		
3		13	73.9	3	67.3	13	60.3	30	49.8	40	38.7		
4		14	73.7	4	67.2	14	60.1	32	49.6	42	38.5		
6		16	73.6	6	67.1	16	60.0	34	49.4	44	38.2		
8		18	73.5	8	66.9	18	59.9	36	49.2	46	38.0		
2		12	73.3	2	66.8	12	59.8	38	49.0	48	37.7		
4		14	73.2	4	66.6	14	59.6	40	48.8	50	37.5		
6		16	73.1	6	66.4	16	59.4	42	48.6	52	37.3		
8		18	73.0	8	66.3	18	59.3	44	48.4	54	37.0		
5		1	72.8	1	66.2	1	59.0	46	48.2	56	36.8		
6		2	72.7	2	66.0	2	58.9	48	48.0	58	36.5		
8		4	72.6	4	65.8	4	58.8	50	47.8	60	36.3		
5		1	72.4	5	65.7	5	58.5	52	47.6	62	36.1		
6		2	72.3	6	65.5	6	58.3	54	47.4	64	35.9		
8		4	72.2	8	65.4	8	58.1	56	47.2	66	35.7		
6		6	72.1	6	65.2	6	58.0	58	47.0	68	35.5		
8		8	71.9	8	65.1	8	57.9	60	46.8	70	35.3		
6		10	71.8	6	64.9	10	57.6	62	46.5	72	35.0		
8		12	71.7	8	64.8	12	57.4	64	46.3	74	34.7		
6		14	71.6	6	64.7	14	57.3	66	46.1	76	34.5		
8		16	71.4	8	64.5	16	57.1	68	45.9	78	34.3		
7		17	71.3	7	64.3	17	56.9	70	45.7	80	34.1		
8		18	71.1	8	64.2	18	56.7	72	45.5	82	33.9		
2		12	71.0	2	64.1	12	56.5	74	45.3	84	33.6		
4		14	70.9	4	63.9	14	56.3	76	45.1	86	33.4		
6		16	70.7	6	63.7	16	56.1	78	44.8	88	33.1		
8		18	70.6	8	63.6	18	55.9	80	44.6	90	32.8		
2		12	70.5	2	63.5	12	55.8	82	44.3	92	32.7		
4		14	70.4	4	63.3	14	55.6	84	44.1	94	32.4		
6		16	70.2	6	63.1	16	55.4	86	43.9	96	32.2		
8		18	70.1	8	62.9	18	55.3	88	43.7	98	32.0		
8		18	70.0	8	62.7	18	55.1	90	43.5				
9		19	69.8	9	62.6	19	54.9	29	43.1	30	31.5		
2		22	69.7	2	62.5	22	54.7	32	42.9	32	31.2		
4		24	69.6	4	62.3	24	54.5	34	42.7	34	31.0		
6		26	69.4	6	62.1	26	54.3	36	42.5	36	30.7		
8		28	69.3	8	61.9	28	54.1	38	42.2	38	30.5		
10		30	69.2	10	61.7	30	53.9	40	42.0	40	30.3		

GLASS HYDROMETER

Temperature 47° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	30 3	50	17 3	60	2 8	70	13 4	80	34 7	90	68 5		
12	30 0	12	17 1	12	17 1	12	13 8	12	35 2	12	69 3		
4	29 8	4	16 8	4	16 8	4	14 2	4	35 7	4	70 0		
6	29 5	6	16 5	6	16 5	6	14 5	6	36 2	6	70 7		
8	29 3	8	16 3	8	16 3	8	14 8	8	36 7	8	71 4		
41	29 0	51	15 9	61	1 3	71	15 2	81	37 2	91	72 1		
12	28 7	12	15 6	12	1 0	12	15 6	12	37 8	12	72 8		
4	28 5	4	15 3	4	0 7	4	16 0	4	38 4	4	73 6		
6	28 3	6	15 0	6	0 4	6	16 4	6	38 9	6	74 3		
8	28 0	8	14 8	8	0 1	8	16 8	8	39 5	8	75 0		
42	27 8	52	14 5	62	0 2	72	17 2	82	40 1	92	75 7		
2	27 5	2	14 3	2	0 5	2	17 6	2	40 7	2	76 4		
4	27 3	4	14 0	4	0 8	4	18 0	4	41 3	4	77 1		
6	27 1	6	13 7	6	1 1	6	18 4	6	41 9	6	77 8		
8	26 8	8	13 5	8	1 4	8	18 7	8	42 5	8	78 5		
43	26 6	53	13 2	63	1 8	73	19 1	83	43 1	93	79 2		
12	26 3	12	12 9	12	2 1	12	19 5	12	43 7	12	79 9		
4	26 0	4	12 6	4	2 4	4	20 0	4	44 3	4	80 6		
6	25 8	6	12 3	6	2 7	6	20 4	6	44 9	6	81 2		
8	25 5	8	12 0	8	3 0	8	20 9	8	45 5	8	81 9		
44	25 2	54	11 7	64	3 4	74	21 3	84	46 2	94	82 6		
2	24 0	2	11 4	2	3 7	2	21 8	2	46 8	2	83 2		
4	24 7	4	11 1	4	4 0	4	22 2	4	47 5	4	83 8		
6	24 4	6	10 8	6	4 3	6	22 6	6	48 1	6	84 5		
8	24 2	8	10 5	8	4 6	8	23 0	8	48 7	8	85 1		
45	23 9	55	10 2	65	5 0	75	23 5	85	49 7	95	85 7		
2	23 7	2	9 9	2	5 3	2	23 9	2	50 4	2	86 4		
4	23 4	4	9 6	4	5 6	4	24 4	4	51 2	4	87 0		
6	23 1	6	9 3	6	5 9	6	24 8	6	51 9	6	87 6		
8	22 9	8	9 0	8	6 2	8	25 2	8	52 6	8	88 2		
46	22 6	56	8 7	66	6 6	76	25 6	86	53 4	96	88 8		
2	22 3	2	8 4	2	6 9	2	26 0	2	54 1	2	89 4		
4	22 0	4	8 1	4	7 3	4	26 4	4	54 8	4	90 0		
6	21 8	6	7 8	6	7 6	6	26 8	6	55 5	6	90 6		
8	21 5	8	7 5	8	7 9	8	27 2	8	56 2	8	91 2		
47	21 3	57	7 2	67	8 3	77	27 6	87	57 0	97	91 7		
2	21 0	2	6 9	2	8 6	2	28 0	2	57 8	2	92 2		
4	20 7	4	6 6	4	8 9	4	28 4	4	58 6	4	92 8		
6	20 5	6	6 3	6	9 2	6	28 8	6	59 4	6	93 4		
8	20 3	8	6 0	8	9 6	8	29 2	8	60 1	8	93 9		
48	20 0	58	5 7	68	9 9	78	29 7	88	60 8	98	94 4		
2	19 7	2	5 4	2	10 3	2	30 2	2	61 6	2	95 0		
4	19 4	4	5 1	4	10 6	4	30 7	4	62 4	4	95 5		
6	19 2	6	4 8	6	10 9	6	31 2	6	63 1	6	96 0		
8	19 0	8	4 5	8	11 3	8	31 7	8	63 9	8	96 6		
49	18 7	59	4 2	69	11 6	79	32 2	89	64 6	99	97 1		
2	18 4	2	3 9	2	12 0	2	32 7	2	65 4	2	97 7		
4	18 1	4	3 6	4	12 4	4	33 2	4	66 2	4	98 2		
6	17 9	6	3 4	6	12 7	6	33 7	6	67 0	6	98 8		
8	17 6	8	3 1	8	13 0	8	34 2	8	67 7	8	99 3		
50	17 3	60	2 8	70	13 4	80	34 7	90	68 5	100	99 8		

GLASS HYDROMETER.

A

Temperature 48° F.

Divs on Stem A	Per cent. over Proof	Divs on Stem A	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof
0		10		0	69 0	10	61 5	20	52 4	30	41 7
1		11		1	68 8	11	61 3	21	52 2	31	41 4
2		12		2	68 7	12	61 1	22	52 0	32	41 1
3		13		3	68 6	13	60 9	23	51 8	33	40 9
4		14		4	68 5	14	60 7	24	51 6	34	40 7
5		15		5	68 3	15	60 6	25	51 4	35	40 4
6		16		6	68 2	16	60 5	26	51 2	36	40 2
7		17		7	68 1	17	60 3	27	51 0	37	40 0
8		18		8	67 0	18	60 1	28	50 8	38	39 7
9		19		9	67 8	19	59 9	29	50 6	39	39 5
10		20		10	67 7	20	59 7	30	50 4	40	39 3
					67 5		59 5		50 2		39 1
					67 4		59 3		49 9		38 8
					67 2		59 1		49 7		38 6
					67 1		59 0		49 5		38 3
					67 0		58 8		49 3		38 1
					66 9		58 7		49 1		37 9
					66 7		58 5		49 0		37 7
					66 6		58 3		48 7		37 4
					66 4		58 1		48 5		37 2
					66 3		57 9		48 3		36 9
					66 1		57 7		48 1		36 7
					65 9		57 5		47 9		36 5
					65 8		57 4		47 7		36 3
					65 6		57 2		47 5		36 1
					65 5		57 1		47 3		35 9
					65 3		56 9		47 1		35 6
					65 2		56 7		46 9		35 4
					65 1		56 5		46 7		35 2
					64 9		56 3		46 5		35 0
					64 8		56 1		46 3		34 7
					64 7		55 9		46 1		34 5
					64 5		55 7		45 8		34 3
					64 3		55 5		45 6		34 0
					64 1		55 3		45 4		33 8
					64 0		55 2		45 2		33 5
					63 9		55 0		45 0		33 3
					63 7		54 8		44 7		33 1
					63 5		54 7		44 5		32 8
					63 4		54 5		44 3		32 6
					63 2		54 3		44 1		32 3
					63 1		54 1		43 8		32 1
					62 9		53 9		43 6		31 9
					62 7		53 7		43 3		31 7
					62 5		53 5		43 1		31 5
					62 4		53 3		42 8		31 2
					62 2		53 1		42 6		30 9
					62 0		52 9		42 3		30 7
					61 9		52 8		42 1		30 5
					61 7		52 6		41 9		30 3
					61 5		52 4		41 7		30 0

Temperature 48° F.

21

GLASS HYDROMETER.

A

Temperature 49° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	75 2	0	68 8	10	61 3	20	52 1	30	41 3		
2		2	75 1	2	68 6	2	61 1	2	51 9	4	41 1		
4		4	75 0	4	68 5	4	60 9	4	51 7	6	40 9		
6		6	74 8	6	68 4	6	60 7	6	51 5	8	40 6		
8		8	74 7	8	68 3	8	60 5	8	51 3	10	40 4		
1		11	74 6	1	68 1	11	60 3	11	51 1	31	40 1		
12		2	74 5	2	68 0	2	60 2	2	50 9	2	39 9		
4		4	74 4	4	67 9	4	60 0	4	50 7	4	39 7		
6		6	74 2	6	67 7	6	59 9	6	50 5	6	39 5		
8		8	74 1	8	67 6	8	59 7	8	50 3	8	39 3		
12		12	74 0	2	67 5	12	59 5	22	50 1	32	39 0		
2		2	73 9	2	67 3	2	59 3	2	49 9	2	38 8		
4		4	73 7	4	67 2	4	59 1	4	49 7	4	38 5		
6		6	73 6	6	67 1	6	58 9	6	49 5	6	38 3		
8		8	73 5	8	67 0	8	58 7	8	49 3	8	38 1		
3		13	73 3	3	66 9	13	58 5	23	49 1	23	37 9		
12		2	73 2	2	66 7	2	58 4	2	48 9	2	37 6		
4		4	73 1	4	66 5	4	58 2	4	48 7	4	37 4		
6		6	73 0	6	66 3	6	58 1	6	48 5	6	37 1		
8		8	72 8	8	66 2	8	57 9	8	48 3	8	36 8		
4		14	72 7	4	66 1	14	57 7	24	48 1	34	36 7		
2		2	72 6	2	65 9	2	57 5	2	47 9	2	36 4		
4		4	72 4	4	65 7	4	57 3	4	47 7	4	36 2		
6		6	72 3	6	65 6	6	57 1	6	47 5	6	36 0		
8		8	72 2	8	65 4	8	56 9	8	47 3	8	35 9		
5		15	72 0	5	65 1	15	56 8	25	47 1	35	35 5		
2		2	71 9	2	65 1	2	56 6	2	46 9	2	35 3		
4		4	71 8	4	65 0	4	56 4	4	46 7	4	35 1		
6		6	71 7	6	64 9	6	56 2	6	46 4	6	34 9		
8		8	71 5	8	64 7	8	56 0	8	46 2	8	34 7		
6		10	71 4	6	64 6	16	55 9	26	46 0	36	34 4		
2		2	71 3	2	64 4	2	55 7	2	45 8	2	34 2		
4		4	71 1	4	64 3	4	55 5	4	45 5	4	34 0		
6		6	71 0	6	64 1	6	55 3	6	45 3	6	33 7		
8		8	70 9	8	63 9	8	55 1	8	45 1	8	33 5		
7		17	70 7	7	63 8	17	54 9	27	44 9	37	33 3		
2		2	70 6	2	63 7	2	54 8	2	44 7	2	33 1		
4		4	70 5	4	63 5	4	54 6	4	44 5	4	32 8		
6		6	70 3	6	63 3	6	54 4	6	44 3	6	32 5		
8		8	70 2	8	63 1	8	54 2	8	44 1	8	32 3		
8		18	70 1	8	63 0	18	54 0	28	43 8	38	32 1		
2		2	69 9	2	62 9	2	53 8	2	43 5	2	31 8		
4		4	69 8	4	62 7	4	53 7	4	43 3	4	31 6		
6		6	69 7	6	62 5	6	53 5	6	43 0	6	31 3		
8		8	69 6	8	62 3	8	53 3	8	42 8	8	31 1		
9		19	69 4	9	62 1	19	53 1	29	42 5	39	30 9		
2		2	69 3	2	62 0	2	52 9	2	42 3	2	30 6		
4		4	69 2	4	61 8	4	52 7	4	42 1	4	30 4		
6		6	69 0	6	61 6	6	52 5	6	41 8	6	30 1		
8		8	68 9	8	61 4	8	52 3	8	41 5	8	29 9		
10		20	68 8	10	61 3	20	52 1	30	41 3	10	29 7		

Temperature 49° F.

Dive on Stem.	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
10	25 7	50	16 7	5	2 0	70	14 1	80	35 5	90	68 0		
2	25 4	2	16 4	2	1 7	2	14 5	2	36 0	2	69 7		
4	25 2	4	16 1	4	1 4	4	14 9	4	36 5	4	70 4		
6	25 0	6	15 8	6	1 1	6	15 2	6	37 0	6	71 0		
8	24 6	8	15 6	8	0 8	8	15 6	8	37 5	8	71 7		
11	24 4	51	15 3	61	0 5	71	16 0	81	38 1	91	72 4		
2	24 1	2	15 0	2	0 2	2	16 4	2	38 6	2	73 1		
4	23 9	4	14 7	4	0 1	4	16 8	4	39 2	4	73 8		
6	23 7	6	14 5	6	0 4	6	17 1	6	39 7	6	74 5		
8	23 4	8	14 2	8	0 7	8	17 5	8	40 3	8	75 2		
42	23 2	52	13 9	62	1 0	72	17 9	82	40 9	92	75 9		
2	23 0	2	13 7	2	1 3	2	18 3	2	41 5	2	76 6		
4	22 7	4	13 4	4	1 6	4	18 7	4	42 1	4	77 3		
6	22 5	6	13 1	6	1 9	6	19 0	6	42 8	6	78 0		
8	22 3	8	12 8	8	2 2	8	19 4	8	43 4	8	78 7		
43	22 0	53	12 5	63	2 5	73	19 9	83	44 0	93	79 4		
2	21 7	2	12 2	2	2 8	2	20 3	2	44 6	2	80 0		
4	21 4	4	11 9	4	3 1	4	20 8	4	45 2	4	80 7		
6	21 2	6	11 6	6	3 4	6	21 2	6	45 8	6	81 4		
8	21 0	8	11 3	8	3 7	8	21 7	8	46 4	8	82 0		
44	21 0	54	11 0	64	4 0	74	22 1	84	47 0	94	82 7		
2	20 7	2	10 7	2	4 4	2	22 6	2	47 6	2	83 3		
4	20 4	4	10 4	4	4 7	4	23 0	4	48 3	4	83 9		
6	20 2	6	10 1	6	5 0	6	23 4	6	49 0	6	84 5		
8	20 0	8	9 8	8	5 3	8	23 8	8	49 7	8	85 2		
45	20 0	55	9 5	65	5 6	75	24 2	85	50 4	95	85 8		
2	19 7	2	9 2	2	6 0	2	24 6	2	51 2	2	86 4		
4	19 5	4	8 9	4	6 3	4	25 0	4	51 9	4	87 1		
6	19 3	6	8 6	6	6 6	6	25 4	6	52 6	6	87 7		
8	19 1	8	8 3	8	6 9	8	25 8	8	53 4	8	88 3		
46	19 0	56	8 0	66	7 3	76	26 2	86	54 1	96	88 9		
2	18 7	2	7 7	2	7 6	2	26 6	2	54 8	2	89 4		
4	18 5	4	7 4	4	7 9	4	27 0	4	55 5	4	90 0		
6	18 3	6	7 1	6	8 3	6	27 4	6	56 2	6	90 6		
8	18 1	8	6 8	8	8 6	8	27 8	8	56 9	8	91 2		
47	18 0	57	6 5	67	8 9	77	28 2	87	57 7	97	91 7		
2	17 7	2	6 2	2	9 3	2	28 6	2	58 4	2	92 2		
4	17 5	4	5 9	4	9 6	4	29 0	4	59 2	4	92 8		
6	17 3	6	5 6	6	9 9	6	29 5	6	59 9	6	93 4		
8	17 1	8	5 3	8	10 2	8	30 0	8	60 6	8	93 9		
48	16 4	58	5 0	68	10 6	78	30 5	88	61 3	98	94 4		
2	16 1	2	4 7	2	11 0	2	31 0	2	62 1	2	95 0		
4	15 8	4	4 4	4	11 3	4	31 5	4	62 9	4	95 5		
6	15 6	6	4 1	6	11 6	6	32 0	6	63 6	6	96 1		
8	15 4	8	3 8	8	12 0	8	32 5	8	64 3	8	96 6		
49	15 1	59	3 5	69	12 4	79	33 0	89	65 0	99	97 2		
2	14 8	2	3 2	2	12 7	2	33 5	2	65 8	2	97 7		
4	14 6	4	2 9	4	13 1	4	34 0	4	66 6	4	98 3		
6	14 4	6	2 6	6	13 4	6	34 5	6	67 4	6	98 8		
8	14 2	8	2 3	8	13 7	8	35 0	8	68 1	8	99 3		
50	14 0	60	2 0	70	14 1	80	35 5	90	68 9	100	99 9		

GLASS HYDROMETER.

A

Temperature 50° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	75 1	0	68 6	10	61 0	20	51 9	30	41 0
2		2	75 0	2	68 4	2	60 9	2	51 7	2	40 7
4		4	74 8	4	68 2	4	60 7	4	51 5	4	40 5
6		6	74 7	6	68 2	6	60 5	6	51 3	6	40 3
8		8	74 6	8	68 1	8	60 3	8	51 1	8	40 1
1		11	74 5	1	67 9	11	60 1	21	50 0	31	39 9
2		2	74 4	2	67 8	2	59 9	2	50 7	2	39 6
4		4	74 2	4	67 7	4	59 7	4	50 5	4	39 4
6		6	74 1	6	67 5	6	59 6	6	50 3	6	39 1
8		8	74 0	8	67 4	8	59 4	8	50 1	8	38 0
2		12	73 9	2	67 3	12	59 3	22	49 8	32	38 7
2		2	73 7	2	67 1	2	59 1	2	49 6	2	38 5
4		4	73 6	4	67 0	4	58 9	4	49 4	4	38 2
6		6	73 5	6	66 9	6	58 7	6	49 2	6	38 0
8		8	73 3	8	66 7	8	58 5	8	49 0	8	37 7
3		13	73 2	3	66 6	13	58 3	23	48 8	33	37 5
2		2	73 1	2	66 5	2	58 1	2	48 6	2	37 3
4		4	73 0	4	66 3	4	57 9	4	48 4	4	37 1
6		6	72 8	6	66 1	6	57 8	6	48 2	6	36 0
8		8	72 7	8	66 0	8	57 6	8	48 0	8	36 7
4		14	72 6	4	65 9	14	57 5	24	47 8	34	36 4
2		2	72 4	2	65 7	2	57 3	2	47 6	2	36 1
4		4	72 3	4	65 5	4	57 1	4	47 4	4	35 0
6		6	72 2	6	65 4	6	56 9	6	47 2	6	35 7
8		8	72 1	8	65 2	8	56 7	8	47 0	8	35 5
5		15	71 0	5	65 1	15	56 5	25	46 8	35	35 3
2		2	71 8	2	64 9	2	56 4	2	46 6	2	35 1
4		4	71 7	4	64 8	4	56 2	4	46 4	4	34 9
6		6	71 5	6	64 6	6	56 0	6	46 1	6	34 6
8		8	71 4	8	64 5	8	55 8	8	45 9	8	34 4
6		16	71 3	6	64 3	16	55 6	26	45 7	36	34 1
2		2	71 1	2	64 2	2	55 5	2	45 5	2	33 9
4		4	71 0	4	64 1	4	55 3	4	45 3	4	33 7
6		6	70 9	6	63 9	6	55 1	6	45 1	6	33 4
8		8	70 7	8	63 7	8	54 9	8	44 8	8	33 2
7		17	70 6	7	63 6	17	54 7	27	44 6	37	32 0
2		2	70 5	2	63 5	2	54 5	2	44 4	2	32 7
4		4	70 3	4	63 3	4	54 3	4	44 2	4	32 5
6		6	70 2	6	63 1	6	54 1	6	43 9	6	32 3
8		8	70 1	8	62 9	8	53 9	8	43 7	8	32 1
8		18	69 9	8	62 7	18	53 8	28	43 5	38	31 8
2		2	69 8	2	62 6	2	53 6	2	43 2	2	31 5
4		4	69 6	4	62 4	4	53 4	4	43 0	4	31 3
6		6	69 5	6	62 3	6	53 2	6	42 7	6	31 1
8		8	69 4	8	62 1	8	53 1	8	42 5	8	30 9
9		19	69 2	9	61 9	19	52 9	29	42 2	39	30 6
2		2	69 1	2	61 7	2	52 7	2	42 0	2	30 3
4		4	68 9	4	61 5	4	52 5	4	41 7	4	30 1
6		6	68 8	6	61 3	6	52 3	6	41 5	6	29 9
8		8	68 7	8	61 1	8	52 1	8	41 2	8	29 6
10	75 2	20	68 6	10	61 0	20	51 9	30	41 0	40	29 3

GLASS HYDROMETER.

Temperature 50° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	29 3	50	16 3	60	1 6	70	14 6	80	35 0	90	69 1		
2	29 1	2	16 0	2	1 3	2	14 9	2	36 4	2	69 9		
4	28 9	4	15 8	4	1 0	4	15 3	4	36 9	4	70 6		
6	28 6	6	15 5	6	0 7	6	15 6	6	37 4	6	71 2		
8	28 4	8	15 2	8	0 4	8	15 9	8	37 9	8	71 9		
41	28 1	51	14 9	61	0 1	71	16 3	81	38 5	91	72 6		
2	27 9	2	14 7	2	0 2	2	16 7	2	39 0	2	73 3		
4	27 7	4	14 4	4	0 5	4	17 1	4	39 6	4	74 0		
6	27 4	6	14 1	6	0 8	6	17 5	6	40 1	6	74 7		
8	27 2	8	13 8	8	1 1	8	17 9	8	40 7	8	75 4		
42	26 9	52	13 5	62	1 4	72	18 3	82	41 3	92	76 1		
2	26 6	2	13 2	2	1 7	2	18 7	2	41 9	2	76 7		
4	26 4	4	12 9	4	2 0	4	19 1	4	42 5	4	77 4		
6	26 1	6	12 6	6	2 3	6	19 4	6	43 1	6	78 1		
8	25 9	8	12 4	8	2 6	8	19 9	8	43 7	8	78 8		
43	25 6	53	12 1	63	2 9	73	20 3	83	44 3	93	79 5		
2	25 3	2	11 8	2	3 2	2	20 7	2	44 9	2	80 1		
4	25 1	4	11 5	4	3 5	4	21 2	4	45 5	4	80 8		
6	24 9	6	11 2	6	3 8	6	21 6	6	46 1	6	81 4		
8	24 6	8	10 9	8	4 1	8	22 1	8	46 7	8	82 1		
44	24 3	54	10 6	64	4 4	74	22 5	84	47 4	94	82 8		
2	24 0	2	10 3	2	4 7	2	23 0	2	48 0	2	83 4		
4	23 8	4	10 0	4	5 1	4	23 4	4	48 7	4	84 0		
6	23 5	6	9 7	6	5 4	6	23 8	6	49 4	6	84 6		
8	23 2	8	9 4	8	5 7	8	24 2	8	50 2	8	85 2		
45	22 9	55	9 1	65	6 0	75	24 6	85	50 9	95	85 8		
2	22 7	2	8 8	2	6 3	2	25 0	2	51 6	2	86 4		
4	22 4	4	8 5	4	6 6	4	25 4	4	52 3	4	87 1		
6	22 1	6	8 2	6	6 9	6	25 8	6	53 0	6	87 7		
8	21 9	8	7 9	8	7 2	8	26 2	8	53 7	8	88 3		
46	21 6	56	7 6	66	7 6	76	26 6	86	54 4	96	88 9		
2	21 3	2	7 3	2	7 9	2	27 0	2	55 1	2	89 5		
4	21 1	4	7 0	4	8 3	4	27 4	4	55 8	4	90 1		
6	20 9	6	6 7	6	8 6	6	27 8	6	56 5	6	90 7		
8	20 7	8	6 4	8	8 9	8	28 2	8	57 2	8	91 2		
47	20 4	57	6 1	67	9 3	77	28 6	87	58 0	97	91 8		
2	20 1	2	5 8	2	9 6	2	29 0	2	58 7	2	92 3		
4	19 8	4	5 5	4	10 0	4	29 4	4	59 4	4	92 8		
6	19 6	6	5 2	6	10 3	6	29 9	6	60 2	6	93 4		
8	19 3	8	4 9	8	10 6	8	30 4	8	60 9	8	93 9		
48	19 0	58	4 6	68	11 0	78	30 9	88	61 6	98	94 4		
2	18 8	2	4 3	2	11 3	2	31 4	2	62 4	2	95 0		
4	18 6	4	4 0	4	11 7	4	31 9	4	63 1	4	95 5		
6	18 3	6	3 7	6	12 0	6	32 4	6	63 8	6	96 1		
8	18 1	8	3 4	8	12 3	8	32 9	8	64 5	8	96 6		
49	17 8	59	3 1	69	12 7	79	33 4	89	65 2	99	97 1		
2	17 5	2	2 8	2	13 1	2	33 9	2	66 0	2	97 7		
4	17 2	4	2 5	4	13 4	4	34 4	4	66 8	4	98 2		
6	16 9	6	2 2	6	13 7	6	34 9	6	67 6	6	98 8		
8	16 6	8	1 9	8	14 1	8	35 4	8	68 3	8	99 3		
50	16 3	60	1 6	70	14 5	80	35 9	90	69 1	100	99 9		

Temperature 51° F.

26

GLASS HYDROMETER

Temperature 51° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	129 1	50	16 0	60	1 3	70	14 9	80	36 3	90	69 4				
12	128 2	12	15 7	12	1 0	12	15 2	12	36 8	12	70 1				
4	128 5	4	15 4	4	0 7	4	15 6	4	37 3	4	70 8				
6	128 2	6	15 1	6	0 4	6	15 9	6	37 8	6	71 4				
8	127 8	8	14 9	8	0 1	8	16 3	8	38 3	8	72 1				
41	127 5	51	14 6	61	0 5	71	16 7	81	38 9	91	72 8				
2	127 3	2	14 3	2	0 5	2	17 1	2	39 4	2	73 5				
4	127 3	4	14 0	4	0 8	4	17 5	4	39 0	4	74 2				
6	127 1	6	13 8	6	1 1	6	17 0	6	40 5	6	74 9				
8	126 9	8	13 5	8	1 4	8	18 3	8	41 1	8	75 6				
42	126 6	52	13 2	62	1 7	72	18 6	82	41 7	92	76 3				
2	126 3	2	12 0	2	2 0	2	19 0	2	42 4	2	76 9				
4	126 1	4	12 6	4	2 3	4	19 4	4	43 0	4	77 6				
6	125 8	6	12 3	6	2 7	6	19 8	6	43 6	6	78 3				
8	125 6	8	12 0	8	3 0	8	20 2	8	44 2	8	79 0				
43	125 3	53	11 7	63	3 3	73	20 7	83	44 8	93	79 7				
12	125 1	12	11 5	12	3 6	12	21 1	12	45 4	12	80 3				
4	124 8	4	11 2	4	3 9	4	21 5	4	46 0	4	81 0				
6	124 5	6	10 9	6	4 2	6	21 0	6	46 6	6	81 6				
8	124 3	8	10 6	8	4 5	8	22 3	8	47 2	8	82 2				
44	124 0	54	10 3	64	4 8	74	22 7	84	47 8	94	82 8				
12	123 7	12	10 0	12	5 1	12	23 2	12	48 4	12	83 4				
4	123 4	4	9 7	4	5 4	4	23 6	4	49 1	4	84 1				
6	123 1	6	9 4	6	5 7	6	21 0	6	49 8	6	84 7				
8	122 9	8	9 1	8	6 0	8	24 5	8	50 5	8	85 3				
45	122 6	55	8 8	65	6 3	75	21 0	85	51 2	95	86 0				
2	122 3	2	8 5	2	6 7	2	25 3	2	51 9	2	86 6				
4	122 1	4	8 2	4	7 0	4	25 7	4	52 6	4	87 2				
6	121 8	6	7 9	6	7 3	6	26 1	6	53 3	6	87 8				
8	121 6	8	7 6	8	7 6	8	26 5	8	54 0	8	88 4				
46	121 3	56	7 3	66	7 9	76	26 9	86	54 7	96	89 0				
12	121 1	12	7 0	12	8 3	12	27 3	12	55 4	12	89 6				
4	120 8	4	6 7	4	8 6	4	27 7	4	56 1	4	90 2				
6	120 5	6	6 4	6	8 9	6	29 1	6	56 8	6	90 8				
8	120 3	8	6 1	8	9 3	8	28 5	8	57 5	8	91 3				
47	120 1	57	5 8	67	9 6	77	28 9	87	58 3	97	91 8				
2	119 8	2	5 5	2	10 0	2	29 4	2	59 0	2	92 4				
4	119 5	4	5 2	4	10 3	4	29 8	4	59 8	4	92 9				
6	119 3	6	4 9	6	10 6	6	29 5	6	60 5	6	93 4				
8	119 0	8	4 6	8	11 0	8	30 8	8	61 2	8	94 0				
48	118 7	58	4 3	68	11 3	78	31 3	88	61 9	98	94 5				
2	118 5	2	4 0	2	11 7	2	31 8	2	62 6	2	95 0				
4	118 2	4	3 7	4	12 1	4	32 3	4	63 4	4	95 6				
6	118 0	6	3 4	6	12 4	6	32 8	6	64 1	6	96 2				
8	117 7	8	3 1	8	12 7	8	33 3	8	64 8	8	96 7				
49	117 4	59	2 8	69	13 0	79	33 8	89	65 5	99	97 2				
2	117 1	2	2 5	2	13 4	2	34 3	2	66 3	2	97 8				
4	116 9	4	2 2	4	13 8	4	34 8	4	67 1	4	98 3				
6	116 6	6	1 9	6	14 1	6	35 3	6	67 8	6	98 9				
8	116 3	8	1 6	8	14 5	8	35 8	8	68 6	8	99 4				
50	116 0	60	1 3	70	14 9	80	36 3	90	69 4	100	100 0				

GLASS HYDROMETER.

A

Temperature 52° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	74 8	0	68 2	10	60 5	20	51 3	30	40 4		
2		2	74 7	2	68 1	2	60 3	2	51 2	2	40 2		
4		4	74 5	4	68 0	4	60 1	4	51 0	4	40 0		
6		6	74 4	6	67 8	6	60 0	6	50 8	6	39 7		
8		8	74 2	8	67 7	8	59 8	8	50 6	8	39 5		
1		11	74 1	1	67 6	11	59 7	21	50 3	31	39 3		
2		2	74 0	2	67 4	2	59 5	2	50 1	2	39 0		
4		4	73 8	4	67 3	4	59 3	4	49 9	4	38 8		
6		6	73 7	6	67 2	6	59 1	6	49 7	6	38 5		
8		8	73 6	8	67 1	8	58 9	8	49 5	8	38 3		
2		12	73 4	2	67 0	12	58 8	22	49 3	32	38 1		
2		2	73 3	2	66 9	2	58 6	2	49 1	2	37 9		
4		4	73 2	4	66 7	4	58 4	4	48 9	4	37 6		
6		6	73 1	6	66 5	6	58 2	6	48 7	6	37 4		
8		8	72 9	8	66 3	8	58 1	8	48 5	8	37 2		
3		13	72 8	3	66 2	13	57 9	23	48 3	33	37 0		
2		2	72 7	2	66 0	2	57 7	2	48 1	2	36 7		
4		4	72 6	4	65 9	4	57 5	4	47 9	4	36 5		
6		6	72 4	6	65 7	6	57 3	6	47 7	6	36 3		
8		8	72 3	8	65 6	8	57 1	8	47 5	8	36 1		
4		14	72 2	4	65 5	14	56 9	24	47 3	34	35 9		
2		2	72 0	2	65 3	2	56 8	2	47 1	2	35 6		
4		4	71 9	1	65 1	4	56 6	4	46 9	4	35 4		
6		6	71 8	6	65 0	6	56 4	6	46 7	6	35 2		
8		8	71 6	8	64 8	8	56 2	8	46 5	8	35 0		
5		15	71 5	5	64 7	15	56 1	25	46 3	35	34 7		
2		2	71 4	2	64 5	2	55 9	2	46 0	2	34 5		
4		4	71 3	4	64 4	4	55 7	4	45 8	4	34 3		
6		6	71 1	6	64 2	6	55 5	6	45 6	6	34 0		
8		8	71 0	8	64 1	8	55 3	8	45 4	8	33 8		
6		16	70 9	6	64 0	16	55 1	26	45 1	36	33 5		
2		2	70 7	2	63 9	2	54 9	2	44 9	2	33 3		
4		4	70 6	4	63 7	4	54 7	4	44 7	4	33 1		
6		6	70 5	6	63 5	6	54 6	6	44 5	6	32 9		
8		8	70 3	8	63 3	8	54 4	8	44 3	8	32 7		
7		17	70 2	7	63 1	17	54 2	27	44 1	37	32 4		
2		2	70 1	2	63 0	2	54 1	2	43 9	2	32 1		
4		4	69 9	4	62 8	4	53 9	4	43 6	4	31 9		
6		6	69 8	6	62 7	6	53 7	6	43 3	6	31 7		
8		8	69 7	8	62 5	8	53 5	8	43 1	8	31 5		
8		18	69 5	8	62 3	18	53 3	28	42 8	38	31 2		
2		2	69 4	2	62 1	2	53 1	2	42 5	2	30 9		
4		4	69 3	4	62 0	4	52 9	4	42 3	4	30 7		
6		6	69 1	6	61 8	6	52 7	6	42 1	6	30 5		
8		8	69 0	8	61 6	8	52 5	8	41 9	8	30 3		
9		19	68 9	9	61 4	19	52 3	29	41 6	39	30 0		
2	75 2	2	68 8	2	61 3	2	52 1	2	41 4	2	29 7		
4	75 1	4	68 6	4	61 1	4	51 9	4	41 1	4	29 5		
6	75 0	6	68 5	6	60 9	6	51 7	6	40 9	6	29 2		
8	74 9	8	68 4	8	60 7	8	51 5	8	40 6	8	29 0		
10	74 8	20	68 2	10	60 5	20	51 3	30	40 4	40	28 8		

GLASS HYDROMETER.

Temperature 52° F.

Diss on Stem	Per cent over Proof	Diss on Stem	Per cent over Proof	Diss on Stem	Per cent over Proof	Diss on Stem	Per cent under Proof	Diss on Stem	Per cent under Proof	Diss on Stem	Per cent under Proof	Diss on Stem	Per cent under Proof
40	12 8	50	15 7	60	10	70	15 2	80	36 7	90	69 6		
12	12 8	12	15 4	12	0 7	32	15 6	32	37 2	32	70 3		
4	12 8	1	15 1	4	0 4	4	16 0	4	37 7	4	71 0		
6	12 8	6	14 9	6	0 1	6	16 3	6	38 2	6	71 6		
8	12 8	8	14 6	8	0 2	8	16 7	8	38 7	8	72 3		
11	12 7	11	14 3	11	0 5	11	17 0	11	39 3	11	73 0		
12	12 7	12	14 0	12	0 8	12	17 4	12	39 8	12	73 7		
4	12 7	4	13 7	4	1 1	4	17 8	4	40 3	4	74 4		
6	12 6	6	13 5	6	1 4	6	18 2	6	40 9	6	75 1		
8	12 6	8	13 2	8	1 7	8	18 6	8	41 5	8	75 8		
42	12 6	42	12 9	42	1 9	42	19 0	42	42 1	42	76 5		
4	12 6	4	12 6	4	2 2	4	19 4	4	42 7	4	77 1		
6	12 5	6	12 3	6	2 5	6	19 8	6	43 3	6	77 8		
8	12 5	8	12 0	8	3 0	8	20 2	8	43 9	8	78 5		
43	12 5	43	11 7	43	3 3	43	20 6	43	44 5	43	79 2		
4	12 4	4	11 4	4	3 6	4	21 0	4	45 1	4	79 9		
6	12 4	6	11 2	6	3 9	6	21 4	6	45 7	6	80 4		
8	12 4	8	10 9	8	4 2	8	21 8	8	46 3	8	81 1		
44	12 3	44	10 6	44	4 5	44	22 2	44	46 9	44	81 7		
4	12 3	4	10 3	4	4 8	4	22 7	4	47 5	4	82 4		
6	12 3	6	10 0	6	5 1	6	23 1	6	48 1	6	83 0		
8	12 3	8	9 7	8	5 4	8	23 6	8	48 9	8	83 6		
45	12 3	45	9 4	45	5 7	45	24 0	45	49 5	45	84 2		
4	12 2	4	9 1	4	6 0	4	24 4	4	50 2	4	84 8		
6	12 2	6	8 8	6	6 3	6	24 8	6	50 7	6	85 4		
8	12 2	8	8 5	8	6 7	8	25 2	8	51 0	8	86 1		
46	12 2	46	8 2	46	7 0	46	25 6	46	52 3	46	86 7		
4	12 1	4	7 9	4	7 3	4	26 0	4	53 0	4	87 3		
6	12 1	6	7 6	6	7 6	6	26 4	6	53 7	6	87 9		
8	12 1	8	7 3	8	7 9	8	26 8	8	54 4	8	88 5		
47	12 1	47	7 0	47	8 3	47	27 2	47	55 1	47	89 1		
4	12 0	4	6 7	4	8 6	4	27 6	4	55 8	4	89 6		
6	12 0	6	6 4	6	8 9	6	28 0	6	56 5	6	90 2		
8	12 0	8	6 1	8	9 3	8	28 4	8	57 2	8	90 8		
48	12 0	48	5 8	48	9 6	48	28 8	48	57 9	48	91 4		
4	11 9	4	5 5	4	10 0	4	29 2	4	58 6	4	91 9		
6	11 9	6	5 2	6	10 3	6	29 7	6	59 4	6	92 4		
8	11 9	8	4 9	8	10 7	8	30 2	8	60 1	8	92 9		
49	11 9	49	4 6	49	11 0	49	30 7	49	60 8	49	93 5		
4	11 8	4	4 3	4	11 3	4	31 2	4	61 5	4	94 1		
6	11 8	6	4 0	6	11 7	6	31 7	6	62 2	6	94 6		
8	11 8	8	3 7	8	12 0	8	32 2	8	62 9	8	95 1		
50	11 8	50	3 4	50	12 4	50	32 7	50	63 6	50	95 7		
4	11 7	4	3 1	4	12 7	4	33 2	4	64 3	4	96 3		
6	11 7	6	2 8	6	13 0	6	33 7	6	65 0	6	96 8		
8	11 7	8	2 5	8	13 4	8	34 2	8	65 8	8	97 3		
19	11 7	19	2 2	19	13 8	19	34 7	19	66 5	19	97 9		
4	11 6	4	1 9	4	14 2	4	35 2	4	67 3	4	98 4		
6	11 6	6	1 6	6	14 5	6	35 7	6	68 0	6	99 0		
8	11 6	8	1 3	8	14 9	8	36 2	8	68 8	8	99 5		
51	11 6	51	1 0	51	15 2	51	36 7	51	69 6	51			

GLASS HYDROMETER

A

Temperature 53° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	74 6	0	68 0	10	60 1	20	51 1	30	40 1	40	30 9
1		11	74 5	1	67 9	11	60 1	21	50 9	31	39 7	41	30 7
2		12	74 3	2	67 8	12	59 9	22	50 7	32	39 4	42	30 4
3		13	74 2	3	67 6	13	59 8	23	50 5	33	39 2	43	30 2
4		14	74 0	4	67 5	14	59 6	24	50 3	34	39 0	44	29 9
5		15	73 9	5	67 4	15	59 5	25	50 1	35	38 7	45	29 7
6		16	73 8	6	67 2	16	59 3	26	49 9	36	38 5	46	29 5
7		17	73 6	7	67 1	17	59 1	27	49 7	37	38 3	47	29 3
8		18	73 5	8	67 0	18	58 9	28	49 5	38	38 1	48	29 1
9		19	73 4	9	66 9	19	58 7	29	49 3	39	37 8	49	28 9
10		20	73 2	10	66 8	20	58 5	30	49 1	40	37 6	50	28 7
11		21	73 1	11	66 7	21	58 3	31	48 9	41	37 3	51	28 5
12		22	73 0	12	66 5	22	58 2	32	48 7	42	37 1	52	28 3
13		23	72 9	13	66 3	23	58 0	33	48 5	43	36 9	53	28 1
14		24	72 7	14	66 1	24	57 8	34	48 3	44	36 7	54	27 9
15		25	72 6	15	66 0	25	57 6	35	48 1	45	36 4	55	27 7
16		26	72 5	16	65 8	26	57 5	36	47 9	46	36 2	56	27 5
17		27	72 4	17	65 7	27	57 3	37	47 7	47	36 0	57	27 3
18		28	72 2	18	65 5	28	57 1	38	47 5	48	35 8	58	27 1
19		29	72 1	19	65 4	29	56 9	39	47 3	49	35 5	59	26 9
20		30	72 0	20	65 2	30	56 7	40	47 1	50	35 3	60	26 7
21		31	71 8	21	65 1	31	56 5	41	46 9	51	35 1	61	26 5
22		32	71 7	22	64 9	32	56 3	42	46 7	52	34 9	62	26 3
23		33	71 6	23	64 8	33	56 1	43	46 5	53	34 7	63	26 1
24		34	71 4	24	64 6	34	55 9	44	46 3	54	34 5	64	25 9
25		35	71 3	25	64 5	35	55 8	45	46 1	55	34 3	65	25 7
26		36	71 2	26	64 3	36	55 6	46	45 9	56	34 1	66	25 5
27		37	71 1	27	64 2	37	55 4	47	45 7	57	33 9	67	25 3
28		38	70 9	28	64 1	38	55 3	48	45 5	58	33 7	68	25 1
29		39	70 8	29	63 9	39	55 1	49	45 3	59	33 5	69	24 9
30		40	70 7	30	63 8	40	54 9	50	45 1	60	33 3	70	24 7
31		41	70 5	31	63 6	41	54 7	51	44 9	61	33 1	71	24 5
32		42	70 4	32	63 5	42	54 5	52	44 7	62	32 9	72	24 3
33		43	70 3	33	63 3	43	54 3	53	44 5	63	32 7	73	24 1
34		44	70 1	34	63 1	44	54 1	54	44 3	64	32 5	74	23 9
35		45	70 0	35	62 9	45	53 9	55	44 1	65	32 3	75	23 7
36		46	69 9	36	62 8	46	53 8	56	43 9	66	32 1	76	23 5
37		47	69 7	37	62 6	47	53 6	57	43 7	67	31 9	77	23 3
38		48	69 6	38	62 5	48	53 5	58	43 5	68	31 7	78	23 1
39		49	69 5	39	62 3	49	53 3	59	43 3	69	31 5	79	22 9
40		50	69 3	40	62 1	50	53 1	60	43 1	70	31 3	80	22 7
41		51	69 2	41	61 9	51	52 9	61	42 9	71	31 1	81	22 5
42		52	69 1	42	61 7	52	52 7	62	42 7	72	30 9	82	22 3
43		53	68 9	43	61 5	53	52 5	63	42 5	73	30 7	83	22 1
44		54	68 8	44	61 3	54	52 3	64	42 3	74	30 5	84	21 9
45		55	68 7	45	61 1	55	52 1	65	42 1	75	30 3	85	21 7
46		56	68 6	46	61 0	56	51 9	66	41 9	76	30 1	86	21 5
47		57	68 5	47	60 8	57	51 7	67	41 7	77	29 9	87	21 3
48		58	68 4	48	60 7	58	51 6	68	41 5	78	29 7	88	21 1
49		59	68 3	49	60 6	59	51 5	69	41 3	79	29 5	89	20 9
50		60	68 2	50	60 5	60	51 4	70	41 1	80	29 3	90	20 7
51		61	68 1	51	60 4	61	51 3	71	40 9	81	29 1	91	20 5
52		62	68 0	52	60 3	62	51 2	72	40 7	82	28 9	92	20 3
53		63	67 9	53	60 2	63	51 1	73	40 5	83	28 7	93	20 1
54		64	67 8	54	60 1	64	51 0	74	40 3	84	28 5	94	19 9
55		65	67 7	55	60 0	65	50 9	75	40 1	85	28 3	95	19 7
56		66	67 6	56	59 9	66	50 8	76	39 9	86	28 1	96	19 5
57		67	67 5	57	59 8	67	50 7	77	39 7	87	27 9	97	19 3
58		68	67 4	58	59 7	68	50 6	78	39 5	88	27 7	98	19 1
59		69	67 3	59	59 6	69	50 5	79	39 3	89	27 5	99	18 9
60		70	67 2	60	59 5	70	50 4	80	39 1	90	27 3	100	18 7

Temperature 53° F.

31

A

Temperature 54° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	74 4	0	67 8	10	60 1	20	50 6	30	39 9		
2		2	74 2	2	67 7	2	59 9	2	50 6	2	39 6		
4		4	74 1	4	67 6	4	59 7	4	50 4	4	39 4		
6		6	74 0	6	67 4	6	59 5	6	50 2	6	39 1		
8		8	73 9	8	67 3	8	59 3	8	50 0	8	38 9		
1		11	73 7	1	67 2	11	59 2	21	49 8	31	38 7		
2		2	73 6	2	67 0	2	59 1	2	49 6	2	38 4		
4		4	73 5	4	66 9	4	58 9	4	49 4	4	38 2		
6		6	73 3	6	66 8	6	58 7	6	49 2	6	37 9		
8		8	73 2	8	66 7	8	58 6	8	49 0	8	37 7		
12		12	73 1	2	66 5	12	58 3	22	48 8	32	37 5		
2		2	73 0	2	66 4	2	58 1	2	48 6	2	37 3		
4		4	72 8	4	66 3	4	57 9	4	48 4	4	37 1		
6		6	72 7	6	66 1	6	57 7	6	48 2	6	36 9		
8		8	72 6	8	65 9	8	57 6	8	48 0	8	36 6		
3		13	72 4	3	65 8	13	57 4	23	47 8	33	36 4		
2		2	72 3	2	65 6	2	57 2	2	47 6	2	36 1		
4		4	72 2	4	65 5	4	57 0	4	47 4	4	35 9		
6		6	72 1	6	65 3	6	56 9	6	47 2	6	35 7		
8		8	71 9	8	65 2	8	56 7	8	47 0	8	35 5		
4		14	71 8	4	65 0	14	56 5	24	46 7	34	35 3		
2		2	71 7	2	64 9	2	56 3	2	46 5	2	35 1		
4		4	71 5	4	64 7	4	56 1	4	46 3	4	34 9		
6		6	71 4	6	64 6	6	55 9	6	46 1	6	34 6		
8		8	71 3	8	64 4	8	55 7	8	45 9	8	34 4		
5		15	71 1	5	64 3	15	55 5	25	45 7	35	34 1		
2		2	71 0	2	64 1	2	55 4	2	45 6	2	33 9		
4		4	70 9	4	64 0	4	55 2	4	45 3	4	33 7		
6		6	70 7	6	63 9	6	55 0	6	45 0	6	33 5		
8		8	70 6	8	63 7	8	54 8	8	44 8	8	33 3		
0		16	70 5	6	63 5	16	54 7	26	44 6	36	33 0		
2		2	70 3	2	63 4	2	54 5	2	44 4	2	32 7		
4		4	70 2	4	63 2	4	54 3	4	44 1	4	32 5		
6		6	70 1	6	63 1	6	54 1	6	43 9	6	32 3		
8		8	69 9	8	62 9	8	53 9	8	43 7	8	32 1		
7		17	69 8	7	62 7	17	53 7	27	43 5	37	31 8		
2		2	69 7	2	62 5	2	53 6	2	43 3	2	31 5		
4		4	69 5	4	62 3	4	53 4	4	43 0	4	31 3		
6		6	69 4	6	62 2	6	53 2	6	42 7	6	31 1		
8		8	69 3	8	62 0	8	53 0	8	42 5	8	30 9		
8		18	69 1	8	61 9	18	52 8	28	42 2	38	30 6		
2		2	69 0	2	61 7	2	52 6	2	41 9	2	30 3		
4		4	68 9	4	61 5	4	52 4	4	41 7	4	30 1		
6	75 2	6	68 7	6	61 3	6	52 2	6	41 5	6	29 9		
8	75 1	8	68 6	8	61 1	8	52 0	8	41 2	8	29 7		
9	75 0	19	68 5	9	60 9	19	51 8	29	40 9	39	29 4		
2	74 8	2	68 4	2	60 8	2	51 6	2	40 7	2	29 1		
4	74 7	4	68 2	4	60 6	4	51 4	4	40 5	4	29 9		
6	74 6	6	68 1	6	60 4	6	51 2	6	40 3	6	28 6		
8	74 5	8	68 0	8	60 2	8	51 0	8	40 1	8	28 4		
10	74 4	20	67 8	10	60 1	20	50 8	30	39 9	40	28 1		

GLASS HYDROMETER.

Temperature 54° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	23 1	50	15 0	60	0 2	70	15 9	80	37 4	90	70 0		
12	27 9	12	14 7	2	0 2	12	16 3	12	38 0	12	70 7		
4	27 7	4	14 4	4	0 2	4	16 7	4	38 5	4	71 4		
8	27 4	8	14 2	8	0 6	8	17 0	8	39 0	8	72 1		
16	27 2	16	14 0	16	0 9	16	17 4	16	39 5	16	72 8		
41	26 9	51	13 7	61	1 2	71	17 8	81	40 0	91	73 5		
12	26 7	12	13 5	12	1 5	12	18 2	12	40 6	12	74 2		
4	26 5	4	13 2	4	1 8	4	18 6	4	41 2	4	74 8		
8	26 2	8	12 9	8	2 1	8	19 0	8	41 8	8	75 5		
16	25 0	16	12 6	16	2 4	16	19 4	16	42 4	16	76 2		
42	23 7	52	12 3	62	2 7	72	19 8	82	43 0	92	76 8		
12	27 4	12	12 0	2	3 0	12	20 2	12	43 6	12	77 5		
4	25 1	4	11 7	4	3 3	4	20 6	4	44 2	4	78 2		
8	24 0	8	11 4	8	3 6	8	21 0	8	44 8	8	78 8		
16	24 7	16	11 1	16	3 9	16	21 4	16	45 4	16	79 5		
43	24 4	53	10 8	63	4 2	73	21 8	83	46 0	93	80 1		
12	24 1	12	10 5	12	4 5	12	22 2	12	46 6	12	80 7		
4	23 8	4	10 2	4	4 8	4	22 6	4	47 2	4	81 4		
8	23 6	8	9 9	8	5 1	8	23 0	8	47 8	8	82 0		
16	23 3	16	9 6	16	5 4	16	23 5	16	48 4	16	82 6		
44	23 0	54	9 3	64	5 7	74	23 9	84	49 0	94	83 2		
12	22 7	12	9 0	2	6 0	12	24 4	12	49 7	12	83 8		
4	22 4	4	8 7	4	6 4	4	24 8	4	50 3	4	84 4		
8	22 1	8	8 4	8	6 7	8	25 2	8	51 0	8	85 0		
16	21 9	16	8 1	16	7 0	16	25 6	16	51 7	16	85 6		
45	21 7	55	7 8	65	7 3	75	26 0	85	52 4	95	86 2		
12	21 4	12	7 5	12	7 6	12	26 4	12	53 0	12	86 8		
4	21 2	4	7 2	4	8 0	4	26 8	4	53 7	4	87 4		
8	20 9	8	6 9	8	8 3	8	27 2	8	54 4	8	88 0		
16	20 7	16	6 6	16	8 6	16	27 6	16	55 1	16	88 6		
46	20 4	56	6 3	66	8 9	76	28 0	86	55 8	96	89 2		
12	20 1	12	6 0	12	9 3	12	28 4	12	56 5	12	89 8		
4	19 9	4	5 7	4	9 6	4	28 8	4	57 2	4	90 4		
8	19 7	8	5 4	8	9 9	8	29 2	8	57 8	8	91 0		
16	19 5	16	5 1	16	10 3	16	29 6	16	58 5	16	91 5		
47	19 2	57	4 8	67	10 7	77	30 0	87	59 2	97	92 1		
12	18 9	12	4 5	12	11 0	12	30 5	12	59 9	12	92 6		
4	18 6	4	4 2	4	11 4	4	31 0	4	60 6	4	93 1		
8	18 4	8	3 9	8	11 7	8	31 5	8	61 3	8	93 7		
16	18 1	16	3 6	16	12 0	16	32 0	16	62 0	16	94 3		
48	17 8	58	3 3	68	12 4	78	32 5	88	62 7	98	94 9		
12	17 5	12	3 0	12	12 7	12	33 0	12	63 4	12	95 4		
4	17 3	4	2 7	4	13 0	4	33 5	4	64 1	4	95 9		
8	17 0	8	2 4	8	13 4	8	34 0	8	64 8	8	96 5		
16	16 9	16	2 1	16	13 8	16	34 5	16	65 5	16	97 0		
49	16 5	59	1 8	69	14 1	79	35 0	89	66 2	99	97 6		
12	16 2	12	1 5	12	14 5	12	35 4	12	67 0	12	98 1		
4	15 9	4	1 2	4	14 9	4	35 9	4	67 8	4	98 6		
8	15 6	8	0 9	8	15 2	8	36 4	8	68 5	8	99 1		
16	15 3	16	0 6	16	15 6	16	36 9	16	69 2	16	99 6		
50	15 0	60	0 3	70	15 9	80	37 4	90	70 0	100			

GLASS HYDROMETER

A

Temperature 55° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	74 2	0	67 5	10	59 9	20	50 6	30	39 0
2		2	74 1	2	67 5	2	59 7	2	50 4	2	39 3
4		4	73 9	4	67 4	4	59 5	4	50 1	4	39 1
6		6	73 8	6	67 2	6	59 3	6	49 9	6	38 9
8		8	73 6	8	67 1	8	59 1	8	49 7	8	38 7
1		11	73 5	1	67 0	11	58 9	21	49 5	31	38 4
2		2	73 4	2	66 8	2	58 8	2	49 3	2	38 1
4		4	73 2	4	66 7	4	58 6	4	49 1	4	37 9
6		6	73 1	6	66 6	6	58 4	6	48 9	6	37 7
8		8	73 0	8	66 5	8	58 2	8	48 7	8	37 5
2		12	72 8	2	66 3	12	58 0	22	48 5	32	37 2
4		2	72 7	2	66 2	2	57 9	2	48 3	2	37 0
6		4	72 6	4	66 0	4	57 7	4	48 1	4	36 7
8		6	72 5	6	65 9	6	57 5	6	47 9	6	36 5
3		8	72 3	8	65 7	8	57 3	8	47 7	8	36 3
2		13	72 2	3	65 6	13	57 1	23	47 5	33	36 1
4		2	72 1	2	65 4	2	56 9	2	47 3	2	35 9
6		4	72 0	4	65 3	4	56 8	4	47 1	4	35 7
8		6	71 8	6	65 1	6	56 6	6	46 9	6	35 5
4		8	71 7	8	65 0	8	56 4	8	46 7	8	35 3
2		14	71 6	4	64 8	14	56 2	24	46 6	34	35 0
4		2	71 4	2	64 7	2	56 1	2	46 3	2	34 8
6		4	71 3	4	64 5	4	55 9	4	46 0	4	34 6
8		6	71 2	6	64 4	6	55 7	6	45 8	6	34 3
5		8	71 0	8	64 2	8	55 5	8	45 6	8	34 1
2		15	70 9	5	64 1	15	55 3	25	45 4	35	33 9
4		2	70 8	2	63 9	2	55 1	2	45 2	2	33 6
6		4	70 7	4	63 8	4	54 9	4	45 0	4	33 4
8		6	70 5	6	63 7	6	54 7	6	44 7	6	33 1
0		8	70 4	8	63 5	8	54 5	8	44 5	8	32 9
2		16	70 3	6	63 3	16	54 4	20	44 3	36	32 7
4		2	70 1	2	63 2	2	54 3	2	44 1	2	32 4
6		4	70 0	4	63 0	4	54 1	4	43 9	4	32 2
8		6	69 9	6	62 9	6	53 9	6	43 7	6	31 9
7		8	69 7	8	62 7	8	53 7	8	43 4	8	31 7
2		17	69 0	7	62 5	17	53 5	27	43 1	37	31 5
4		2	69 5	2	62 3	2	53 3	2	42 9	2	31 3
6		4	69 3	4	62 1	4	53 1	4	42 7	4	31 1
8		6	69 2	6	62 0	6	52 9	6	42 4	6	30 8
8		8	69 1	8	61 8	8	52 7	8	42 2	8	30 6
2		18	68 9	8	61 6	18	52 6	28	41 9	38	30 3
4		2	68 5	2	61 4	2	52 4	2	41 6	2	30 1
6	75 2	4	68 7	4	61 2	4	52 2	4	41 4	4	29 8
8	75 1	6	68 5	6	61 1	6	52 0	6	41 1	6	29 5
9	75 0	8	68 4	8	60 9	8	51 8	8	40 9	8	29 3
2	74 8	19	68 3	9	60 7	19	51 5	29	40 7	39	29 1
4	74 7	2	69 2	2	60 5	2	51 4	2	40 5	2	28 8
6	74 6	4	68 0	4	60 3	4	51 2	4	40 2	4	28 6
8	74 5	6	67 9	6	60 2	6	51 0	6	40 0	6	28 3
10	74 3	8	67 8	8	60 0	8	50 8	8	39 8	8	28 1
	74 2	20	67 0	10	59 9	20	50 6	30	39 6	40	27 8

Temperature 55° F.

D 2

A

Temperature 56° F

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	74 0	0	67 5	10	59 6	20	50 3	30	39 3		
2		12	73 9	2	67 4	2	59 5	2	50 1	2	39 6		
4		4	73 8	4	67 3	4	59 3	4	49 9	4	38 8		
6		6	73 6	6	67 1	6	59 1	6	49 7	6	38 5		
8		8	73 5	8	67 0	8	58 9	8	49 5	8	38 3		
1		11	73 4	1	66 9	11	58 7	21	49 3	31	38 1		
2		12	73 3	2	66 8	2	58 5	2	49 1	2	37 8		
4		4	73 1	4	66 6	4	58 3	4	48 6	4	37 6		
6		6	73 0	6	66 5	6	58 2	6	48 4	6	37 3		
8		8	72 9	8	66 3	8	58 0	8	48 5	8	37 1		
2		12	72 7	2	66 1	12	57 9	22	48 3	32	36 9		
2		2	72 6	2	66 0	2	57 7	2	48 1	2	36 7		
4		4	72 5	4	65 9	4	57 5	4	47 9	4	36 5		
6		6	72 4	6	65 7	6	57 3	6	47 7	6	36 3		
8		8	72 2	8	65 5	8	57 1	8	47 5	8	36 6		
3		13	72 1	3	65 4	13	56 9	23	47 3	33	35 8		
2		2	72 0	2	65 2	2	66 7	2	47 1	2	35 0		
4		4	71 8	4	65 1	4	66 5	4	46 9	4	35 4		
6		6	71 7	6	64 9	6	66 3	6	46 0	6	35 2		
8		8	71 6	8	64 8	8	66 1	8	46 4	8	35 6		
4		14	71 5	4	64 6	14	66 0	24	46 2	34	31 7		
2		2	71 3	2	64 5	2	65 8	2	46 0	2	34 5		
4		4	71 2	4	64 3	4	65 6	4	45 7	4	34 3		
6		6	71 1	6	64 2	6	65 4	6	45 5	6	34 0		
8		8	70 9	8	64 0	8	65 2	8	45 3	8	33 8		
5		15	70 8	5	63 9	15	65 1	25	45 1	35	33 5		
2		2	70 7	2	63 7	2	64 9	2	44 9	2	33 3		
4		4	70 5	4	63 6	4	64 7	4	44 7	4	33 1		
6		6	70 4	6	63 4	6	64 5	6	44 5	6	32 9		
8		8	70 3	8	63 3	8	64 3	8	44 3	8	32 7		
6		16	70 1	6	63 1	16	64 1	26	44 0	36	32 4		
2		2	70 0	2	62 9	2	64 0	2	43 8	2	32 1		
4		4	69 9	4	62 7	4	63 8	4	43 5	4	31 9		
6		6	69 7	6	62 6	6	63 6	6	43 3	6	31 7		
8		8	69 6	8	62 4	8	63 4	8	43 1	8	31 5		
7		17	69 5	7	62 3	17	63 2	27	42 8	37	31 2		
2		2	69 3	2	62 1	2	63 1	2	42 6	2	30 9		
4		4	69 2	4	61 9	4	62 9	4	42 3	4	30 7		
6		6	69 1	6	61 7	6	62 7	6	42 1	6	30 5		
8		8	69 0	8	61 5	8	62 5	8	41 9	8	30 3		
8		18	68 8	8	61 3	18	62 3	28	41 6	38	30 6		
2	75 2	2	68 7	2	61 2	2	62 1	2	41 3	2	29 7		
4	75 1	4	68 6	4	61 0	4	61 9	4	41 1	4	29 5		
6	75 0	6	68 4	6	60 8	6	61 7	6	40 8	6	29 3		
8	74 8	8	68 3	8	60 6	8	61 5	8	40 6	8	29 0		
9	74 7	10	68 2	0	60 5	19	61 3	29	40 4	39	28 7		
2	74 6	2	68 1	2	60 3	2	61 1	2	40 2	2	28 5		
4	74 4	4	67 9	4	60 1	4	60 9	4	39 9	4	28 3		
6	74 3	6	67 8	6	59 9	6	60 7	6	39 7	6	28 0		
8	74 2	8	67 7	8	59 7	8	60 5	8	39 5	8	27 8		
16	74 0	20	67 5	16	59 6	20	60 3	30	39 3	40	27 5		

GLASS HYDROMETER.

Temperature 56° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	27 5	50	14 4	60	0 3	70	16 7	80	38 2	90	70 4				
2	27 3	2	14 1	2	0 6	2	17 1	2	38 7	2	71 1				
4	27 1	4	13 9	4	0 9	4	17 4	4	39 2	4	71 8				
6	26 8	6	13 6	6	1 2	6	17 7	6	39 7	6	72 5				
8	26 6	8	13 3	8	1 5	8	18 1	8	40 2	8	73 2				
41	26 3	51	13 1	61	1 8	71	18 5	81	40 8	91	73 9				
2	26 0	2	12 8	2	2 1	2	18 9	2	41 4	2	74 6				
4	25 8	4	12 5	4	2 4	4	19 3	4	42 0	4	75 2				
6	25 5	6	12 2	6	2 7	6	19 7	6	42 6	6	75 8				
8	25 3	8	11 9	8	3 0	8	20 1	8	43 2	8	76 5				
42	25 0	52	11 6	62	3 3	72	20 5	82	43 7	92	77 2				
2	24 7	2	11 3	2	3 6	2	20 9	2	44 3	2	77 9				
4	24 4	4	11 0	4	3 9	4	21 3	4	44 8	4	78 5				
6	24 1	6	10 7	6	4 2	6	21 7	6	45 4	6	79 1				
8	23 9	8	10 4	8	4 5	8	22 1	8	46 0	8	79 8				
43	23 7	53	10 1	63	4 8	73	22 5	83	46 7	93	80 4				
2	23 5	2	9 8	2	5 1	2	22 9	2	47 3	2	81 0				
4	23 2	4	9 5	4	5 5	4	23 4	4	47 9	4	81 6				
6	22 9	6	9 2	6	5 8	6	23 8	6	48 5	6	82 3				
8	22 6	8	8 9	8	6 1	8	24 3	8	49 1	8	82 9				
44	22 3	54	8 8	64	6 4	74	24 7	84	49 8	94	83 5				
2	22 0	2	8 3	2	6 7	2	25 1	2	50 4	2	84 1				
4	21 8	4	8 0	4	7 0	4	25 5	4	51 1	4	84 7				
6	21 5	6	7 7	6	7 3	6	25 9	6	51 8	6	85 3				
8	21 3	8	7 4	8	7 6	8	26 3	8	52 4	8	85 9				
45	21 1	55	7 1	65	8 0	75	26 7	85	53 1	95	86 5				
2	20 8	2	6 8	2	8 3	2	27 1	2	53 7	2	87 1				
4	20 6	4	6 6	4	8 6	4	27 5	4	54 4	4	87 7				
6	20 3	6	6 3	6	8 9	6	27 9	6	55 1	6	88 3				
8	20 1	8	6 0	8	9 2	8	28 3	8	55 8	8	88 9				
46	19 8	56	5 7	66	9 6	76	28 7	86	56 5	96	89 4				
2	19 5	2	5 4	2	9 9	2	29 1	2	57 2	2	90 0				
4	19 3	4	5 1	4	10 3	4	29 5	4	57 9	4	90 5				
6	19 1	6	4 8	6	10 7	6	29 9	6	58 5	6	91 1				
8	18 9	8	4 5	8	11 0	8	30 4	8	59 2	8	91 7				
47	18 6	57	4 2	67	11 4	77	30 9	87	59 8	97	92 2				
2	18 3	2	3 9	2	11 8	2	31 4	2	60 5	2	92 7				
4	18 0	4	3 6	4	12 1	4	31 9	4	61 2	4	93 3				
6	17 7	6	3 3	6	12 4	6	32 4	6	61 9	6	93 9				
8	17 5	8	3 0	8	12 7	8	32 9	8	62 6	8	94 4				
48	17 2	58	2 7	68	13 1	78	33 4	88	63 3	98	94 9				
2	16 9	2	2 4	2	13 4	2	33 9	2	64 0	2	95 4				
4	16 6	4	2 1	4	13 8	4	34 4	4	64 7	4	95 9				
6	16 3	6	1 8	6	14 1	6	34 8	6	65 3	6	96 5				
8	16 1	8	1 5	8	14 5	8	35 3	8	66 0	8	97 1				
49	15 8	59	1 2	69	14 9	79	35 8	89	66 7	99	97 6				
2	15 5	2	0 9	2	15 2	2	36 2	2	67 4	2	98 1				
4	15 2	4	0 6	4	15 6	4	36 7	4	68 2	4	98 6				
6	14 9	6	0 3	6	15 9	6	37 2	6	68 9	6	99 1				
8	14 7	8		8	16 3	8	37 7	8	69 7	8	99 6				
50	14 4	60	0 3	70	16 7	80	38 2	90	70 4	100					

GLASS HYDROMETER

A

Temperature 57° F

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	73 8	0	67 3	10	59 3	20	50 0	30	39 0
1		11	73 7	1	67 2	11	59 2	21	49 8	31	28 7
2		12	73 6	2	67 1	12	59 0	22	49 0	32	28 5
3		13	73 4	3	66 9	13	58 9	23	49 4	33	28 3
4		14	73 3	4	66 6	14	58 7	24	49 2	34	28 1
5		15	73 2	5	66 7	15	58 5	25	49 0	35	27 8
6		16	73 1	6	66 6	16	58 3	26	48 8	36	27 5
7		17	72 9	7	66 4	17	58 1	27	48 6	37	27 3
8		18	72 8	8	66 3	18	58 0	28	48 4	38	27 1
9		19	72 7	9	66 1	19	57 8	29	48 2	39	26 9
10		20	72 5	10	65 9	20	57 0	30	48 0	40	26 6
11		21	72 4	11	65 8	21	57 4	31	47 8		
12		22	72 3	12	65 6	22	57 3	32	47 0		
13		23	72 2	13	65 5	23	57 1	33	47 4		
14		24	72 0	14	65 3	24	56 9	34	47 2		
15		25	71 9	15	65 2	25	56 7	35	47 0		
16		26	71 8	16	65 0	26	56 5	36	46 8		
17		27	71 6	17	64 9	27	56 3	37	46 6		
18		28	71 5	18	64 7	28	56 1	38	46 3		
19		29	71 4	19	64 6	29	55 9	39	46 1		
20		30	71 3	20	64 4	30	55 7	40	45 9		
21		31	71 1	21	64 3	31	55 5	41	45 7		
22		32	71 0	22	64 1	32	55 4	42	45 5		
23		33	70 9	23	63 9	33	55 2	43	45 3		
24		34	70 7	24	63 8	34	55 0	44	45 1		
25		35	70 6	25	63 7	35	54 8	45	44 0		
26		36	70 5	26	63 5	36	54 7	46	44 0		
27		37	70 3	27	63 4	37	54 5	47	44 4		
28		38	70 2	28	63 2	38	54 3	48	44 2		
29		39	70 1	29	63 0	39	54 1	49	44 0		
30		40	69 9	30	62 9	40	53 9	50	43 7		
31		41	69 8	31	62 7	41	53 7	51	43 5		
32		42	69 7	32	62 5	42	53 5	52	43 2		
33		43	69 5	33	62 4	43	53 4	53	43 0		
34		44	69 4	34	62 2	44	53 2	54	42 7		
35		45	69 3	35	62 0	45	53 0	55	42 5		
36		46	69 1	36	61 9	46	52 9	56	42 3		
37		47	69 0	37	61 7	47	52 7	57	42 0		
38		48	68 9	38	61 5	48	52 5	58	41 7		
39		49	68 8	39	61 3	49	52 3	59	41 5		
40		50	68 6	40	61 1	50	52 1	60	41 3		
41		51	68 5	41	60 9	51	51 9	61	41 0		
42		52	68 4	42	60 7	52	51 7	62	40 8		
43		53	68 2	43	60 5	53	51 5	63	40 5		
44		54	68 1	44	60 4	54	51 3	64	40 3		
45		55	68 0	45	60 3	55	51 1	65	40 1		
46		56	67 9	46	60 1	56	50 9	66	39 9		
47		57	67 7	47	59 9	57	50 6	67	39 7		
48		58	67 6	48	59 7	58	50 4	68	39 5		
49		59	67 5	49	59 5	59	50 2	69	39 2		
50		60	67 3	50	59 3	60	50 0	70	39 0		

GLASS HYDROMETER

Temperature 57° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	27 3	50	14 1	60	0 6	70	17 0	80	33 7	90	70 6		
2	27 0	12	13 9	12	0 9	2	17 4	2	39 2	2	71 3		
4	26 8	4	13 6	4	1 2	4	17 8	4	39 7	4	72 0		
6	26 6	6	13 3	6	1 5	6	18 1	6	40 2	6	72 7		
8	26 3	8	13 1	8	1 8	8	18 5	8	40 7	8	73 4		
41	26 0	51	12 8	61	2 1	71	18 9	81	41 2	91	74 0		
2	25 7	2	12 6	2	2 4	2	19 3	2	41 8	2	74 7		
4	25 5	4	12 2	4	2 7	4	19 7	4	42 4	4	75 4		
6	25 2	6	11 9	6	3 0	6	20 1	6	43 0	6	76 0		
8	25 0	8	11 6	8	3 3	8	20 5	8	43 5	8	76 7		
42	24 7	52	11 3	62	3 6	72	20 9	82	44 1	92	77 4		
2	24 4	2	11 0	2	3 9	2	21 3	2	44 6	2	78 0		
4	24 2	4	10 7	4	4 2	4	21 7	4	45 2	4	78 7		
6	23 9	6	10 4	6	4 5	6	22 1	6	45 8	6	79 3		
8	23 7	8	10 1	8	4 8	8	22 5	8	46 4	8	79 9		
43	23 4	53	9 8	63	5 1	73	22 9	83	47 0	93	80 5		
2	23 1	2	9 5	2	5 5	2	23 3	2	47 7	2	81 2		
4	22 8	4	9 2	4	5 8	4	23 7	4	48 3	4	81 8		
6	22 6	6	8 9	6	6 1	6	24 1	6	48 9	6	82 4		
8	22 3	8	8 6	8	6 4	8	24 5	8	49 5	8	83 0		
44	22 0	54	8 3	64	6 7	74	24 9	84	50 1	94	83 6		
2	21 7	2	8 0	2	7 1	2	25 3	2	50 8	2	84 2		
4	21 5	4	7 7	4	7 4	4	25 7	4	51 4	4	84 8		
6	21 2	6	7 4	6	7 7	6	26 1	6	52 1	6	85 4		
8	21 0	8	7 1	8	8 0	8	26 5	8	52 8	8	86 0		
45	20 7	55	6 8	65	8 3	75	26 9	85	53 4	95	86 6		
2	20 5	2	6 5	2	8 7	2	27 3	2	54 1	2	87 2		
4	20 3	4	6 2	4	9 0	4	27 7	4	54 7	4	87 8		
6	20 0	6	5 9	6	9 3	6	28 1	6	55 4	6	88 4		
8	19 8	8	5 7	8	9 6	8	28 5	8	56 1	8	89 0		
46	19 5	56	5 4	66	9 9	76	28 9	86	56 8	96	89 5		
2	19 2	2	5 1	2	10 3	2	29 4	2	57 5	2	90 1		
4	19 0	4	4 8	4	10 6	4	29 8	4	58 2	4	90 7		
6	18 7	6	4 5	6	11 0	6	30 3	6	58 8	6	91 3		
8	18 5	8	4 2	8	11 3	8	30 8	8	59 5	8	91 8		
47	18 3	57	3 9	67	11 7	77	31 3	87	60 2	97	92 3		
2	18 0	2	3 6	2	12 1	2	31 8	2	60 8	2	92 8		
4	17 7	4	3 3	4	12 4	4	32 3	4	61 5	4	93 4		
6	17 5	6	3 0	6	12 7	6	32 8	6	62 2	6	94 0		
8	17 2	8	2 7	8	13 1	8	33 3	8	62 9	8	94 5		
48	16 9	58	2 4	68	13 4	78	33 8	88	63 6	98	95 0		
2	16 6	2	2 1	2	13 8	2	34 3	2	64 3	2	95 5		
4	16 3	4	1 8	4	14 2	4	34 8	4	65 0	4	96 0		
6	16 0	6	1 5	6	14 5	6	35 3	6	65 6	6	96 6		
8	15 8	8	1 2	8	14 8	8	35 7	8	66 3	8	97 2		
49	15 5	59	0 9	69	15 2	79	36 2	89	67 0	99	97 7		
2	15 2	2	0 6	2	15 6	2	36 7	2	67 7	2	98 2		
4	14 9	4	0 3	4	16 0	4	37 2	4	68 5	4	98 7		
6	14 7	6		6	16 3	6	37 7	6	69 2	6	99 2		
8	14 4	8	0 3	8	16 7	8	38 2	8	69 9	8	99 7		
50	14 1	60	0 6	70	17 0	80	38 7	90	70 6	100			

Temperature 58° F.

40

Temperature 58° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	26 9	50	13 8	60	0 9	70	17 4	80	39 0	90	70 8				
2	26 7	2	13 5	2	1 2	2	17 8	2	39 5	2	71 5				
4	26 5	4	13 3	4	1 5	4	18 2	4	40 0	4	72 2				
6	26 2	6	13 0	6	1 8	6	18 5	6	40 5	6	72 9				
8	26 0	8	12 7	8	2 1	8	18 8	8	41 0	8	73 6				
41	25 7	51	12 4	61	2 4	71	19 2	81	41 6	91	74 3				
2	25 4	2	12 1	2	2 7	2	19 6	2	42 2	2	74 9				
4	25 2	4	11 8	4	3 0	4	20 0	4	42 8	4	75 6				
6	24 9	6	11 6	6	3 3	6	20 4	6	43 3	6	76 2				
8	24 7	8	11 3	8	3 6	8	20 8	8	43 9	8	76 8				
42	24 4	52	11 0	62	3 9	72	21 2	82	44 4	92	77 5				
2	24 1	2	10 7	2	4 2	2	21 6	2	45 0	2	78 2				
4	23 9	4	10 4	4	4 5	4	22 0	4	45 6	4	78 8				
6	23 6	6	10 1	6	4 8	6	22 4	6	46 2	6	79 4				
8	23 4	8	9 8	8	5 1	8	22 9	8	46 8	8	80 0				
43	23 1	53	9 5	63	5 5	73	23 2	83	47 4	93	80 6				
2	22 8	2	9 2	2	5 8	2	23 7	2	48 0	2	81 3				
4	22 5	4	8 9	4	6 1	4	24 1	4	48 6	4	81 9				
6	22 3	6	8 6	6	6 4	6	24 6	6	49 2	6	82 5				
8	22 0	8	8 3	8	6 7	8	25 0	8	49 8	8	83 1				
44	21 7	54	8 0	64	7 1	74	25 4	84	50 5	94	83 7				
2	21 4	2	7 7	2	7 4	2	25 8	2	51 2	2	84 3				
4	21 2	4	7 4	4	7 7	4	26 2	4	51 8	4	84 9				
6	20 9	6	7 1	6	8 0	6	26 6	6	52 4	6	85 5				
8	20 7	8	6 8	8	8 3	8	27 0	8	53 1	8	86 1				
45	20 5	55	6 5	65	8 7	75	27 4	85	53 8	95	86 7				
2	20 2	2	6 2	2	9 0	2	27 8	2	54 4	2	87 3				
4	20 0	4	5 9	4	9 3	4	28 2	4	55 1	4	87 9				
6	19 7	6	5 6	6	9 6	6	28 6	6	55 8	6	88 5				
8	19 5	8	5 3	8	9 9	8	29 0	8	56 5	8	89 1				
46	19 2	56	5 0	66	10 3	76	29 4	86	57 2	96	89 6				
2	18 9	2	4 7	2	10 6	2	29 8	2	57 9	2	90 2				
4	18 7	4	4 4	4	11 0	4	30 2	4	58 6	4	90 7				
6	18 4	6	4 1	6	11 3	6	30 7	6	59 2	6	91 3				
8	18 2	8	3 8	8	11 7	8	31 2	8	59 8	8	91 9				
47	17 9	57	3 6	67	12 1	77	31 7	87	60 4	97	92 4				
2	17 6	2	3 3	2	12 4	2	32 2	2	61 1	2	92 9				
4	17 3	4	3 0	4	12 8	4	32 7	4	61 8	4	93 5				
6	17 1	6	2 7	6	13 1	6	33 2	6	62 5	6	94 1				
8	16 8	8	2 4	8	13 4	8	33 7	8	63 2	8	94 6				
48	16 5	58	2 1	68	13 8	78	34 2	88	63 9	98	95 1				
2	16 2	2	1 8	2	14 2	2	34 7	2	64 6	2	95 6				
4	16 0	4	1 5	4	14 5	4	35 1	4	65 3	4	96 1				
6	15 7	6	1 2	6	14 8	6	35 6	6	65 9	6	96 7				
8	15 4	8	0 9	8	15 2	8	36 0	8	66 6	8	97 3				
49	15 1	59	0 6	69	15 6	79	36 5	89	67 3	99	97 8				
2	14 9	2	0 3	2	16 0	2	37 0	2	68 0	2	98 3				
4	14 6	4		4	16 3	4	37 5	4	68 7	4	98 8				
6	14 3	6	0 3	6	16 6	6	38 0	6	69 4	6	99 3				
8	14 1	8	0 6	8	17 0	8	38 5	8	70 1	8	99 8				
50	13 8	60	0 9	70	17 4	80	39 0	90	70 8	100					

GLASS HYDROMETER

A

Temperature 59° F

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	73 5	0	66 9	10	58 9	20	40 6	30	38 4		
2		2	73 3	2	66 8	2	58 7	2	40 3	2	38 1		
4		4	73 2	4	66 7	4	58 5	4	40 1	4	37 9		
6		6	73 1	6	66 5	6	58 4	6	40 0	6	37 7		
8		8	73 0	8	66 4	8	58 2	8	40 0	8	37 5		
1		11	72 8	1	66 3	11	58 0	11	40 5	11	37 2		
12		12	72 7	12	66 1	12	57 9	12	40 3	12	36 9		
4		4	72 6	4	66 0	4	57 7	4	40 1	4	36 7		
6		6	72 4	6	65 9	6	57 5	6	40 0	6	36 6		
8		8	72 3	8	65 7	8	57 3	8	40 0	8	36 3		
12		12	72 2	12	65 5	12	57 1	12	40 0	12	36 1		
12		2	72 1	2	65 4	2	56 9	2	40 0	2	35 9		
4		4	71 9	4	65 3	4	56 7	4	40 0	4	35 7		
6		6	71 8	6	65 1	6	56 5	6	40 0	6	35 5		
8		8	71 7	8	64 9	8	56 4	8	40 0	8	35 2		
3		13	71 5	3	64 8	13	56 2	13	40 0	13	35 0		
12		12	71 4	12	64 7	12	56 0	12	40 0	12	34 6		
4		4	71 2	4	64 5	4	55 8	4	40 0	4	34 6		
6		6	71 1	6	64 3	6	55 6	6	40 0	6	34 3		
8		8	71 0	8	64 1	8	55 4	8	40 0	8	34 1		
4		14	70 9	4	64 0	14	55 3	14	40 0	14	33 9		
12		12	70 7	12	63 9	12	55 1	12	40 0	12	33 6		
4		4	70 6	4	63 7	4	54 9	4	40 0	4	33 4		
6		6	70 5	6	63 5	6	54 7	6	40 0	6	33 1		
8		8	70 3	8	63 4	8	54 5	8	40 0	8	32 9		
5		15	70 2	5	63 3	15	54 3	15	40 0	15	32 7		
12		12	70 1	12	63 1	12	54 2	12	40 0	12	32 4		
4		4	69 0	4	62 9	4	54 0	4	40 0	4	32 2		
6		6	69 8	6	62 7	6	53 8	6	40 0	6	32 0		
8		8	69 7	8	62 6	8	53 6	8	40 0	8	31 8		
6		16	69 6	6	62 5	16	53 5	16	40 0	16	31 6		
12		12	69 4	12	62 3	12	53 3	12	40 0	12	31 3		
4		4	69 3	4	62 1	4	53 1	4	40 0	4	31 1		
6		6	69 1	6	61 9	6	52 9	6	40 0	6	30 8		
8		8	69 0	8	61 7	8	52 7	8	40 0	8	30 6		
7		17	68 9	7	61 5	17	52 5	17	40 0	17	30 3		
12	75 2	12	68 7	12	61 4	12	52 3	12	40 0	12	30 1		
4	75 1	4	68 6	4	61 2	4	52 1	4	40 0	4	29 9		
6	75 0	6	68 5	6	61 0	6	51 9	6	40 0	6	29 6		
8	74 8	8	68 4	8	60 8	8	51 7	8	40 0	8	29 3		
8	74 7	18	68 2	8	60 7	18	51 5	18	40 0	18	29 1		
12	74 6	12	68 1	12	60 5	12	51 3	12	40 0	12	28 8		
4	74 5	4	68 0	4	60 3	4	51 1	4	40 0	4	28 6		
6	74 4	6	67 9	6	60 1	6	50 9	6	40 0	6	28 3		
8	74 2	8	67 7	8	59 9	8	50 7	8	40 0	8	28 1		
9	74 1	19	67 6	9	59 7	19	50 5	19	40 0	19	27 9		
12	74 0	12	67 5	12	59 6	12	50 3	12	40 0	12	27 6		
4	73 9	4	67 3	4	59 4	4	50 1	4	40 0	4	27 4		
6	73 7	6	67 2	6	59 3	6	49 9	6	40 0	6	27 1		
8	73 6	8	67 1	8	59 1	8	49 7	8	40 0	8	26 9		
10	73 5	20	66 9	10	58 9	20	49 6	20	40 0	20	26 7		

GLASS HYDROMETER

Temperature 59° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	26 7	50	13 5	60	1 2	70	17 7	80	39 4	90	71 1		
2	26 5	2	13 2	2	1 5	2	18 1	2	38 9	2	71 7		
4	26 3	4	12 9	4	1 8	4	18 5	4	40 4	4	72 4		
6	26 0	6	12 6	6	2 1	6	18 8	6	40 9	6	73 1		
8	25 7	8	12 4	8	2 4	8	19 2	8	41 4	8	73 8		
41	25 4	51	12 1	61	2 7	71	19 6	81	42 0	91	74 5		
2	25 1	2	11 8	2	3 0	2	20 0	2	42 6	2	75 1		
4	24 9	4	11 5	4	3 3	4	20 4	4	43 1	4	75 8		
6	24 6	6	11 2	6	3 6	6	20 8	6	43 7	6	76 4		
8	24 4	8	10 9	8	3 9	8	21 2	8	44 2	8	77 0		
42	24 1	52	10 6	62	4 2	72	21 6	82	44 8	92	77 7		
2	23 8	2	10 3	2	4 6	2	22 0	2	45 4	2	78 3		
4	23 6	4	10 0	4	4 9	4	22 4	4	46 0	4	79 0		
6	23 3	6	9 7	6	5 2	6	22 8	6	46 6	6	79 6		
8	23 1	8	9 4	8	5 5	8	23 2	8	47 2	8	80 2		
43	22 8	53	9 1	63	5 8	73	23 6	83	47 8	93	80 8		
2	22 5	2	8 8	2	6 1	2	24 1	2	48 4	2	81 4		
4	22 3	4	8 5	4	6 4	4	24 5	4	49 0	4	82 0		
6	22 0	6	8 2	6	6 7	6	24 9	6	49 6	6	82 6		
8	21 7	8	7 9	8	7 1	8	25 3	8	50 2	8	83 2		
44	21 4	54	7 6	64	7 4	74	25 7	84	50 9	94	83 8		
2	21 1	2	7 3	2	7 7	2	26 1	2	51 5	2	84 4		
4	20 9	4	7 0	4	8 1	4	26 5	4	52 2	4	85 0		
6	20 6	6	6 8	6	8 4	6	26 9	6	52 8	6	85 6		
8	20 4	8	6 5	8	8 7	8	27 3	8	53 4	8	86 2		
45	20 1	55	6 2	65	9 0	75	27 7	85	54 1	95	86 8		
2	19 9	2	5 9	2	9 3	2	28 1	2	54 7	2	87 4		
4	19 7	4	5 6	4	9 7	4	28 5	4	55 4	4	88 0		
6	19 4	6	5 3	6	10 0	6	28 9	6	56 1	6	88 6		
8	19 2	8	5 0	8	10 3	8	29 3	8	56 8	8	89 2		
46	18 9	56	4 7	66	10 6	76	29 7	86	57 5	96	89 7		
2	18 6	2	4 4	2	11 0	2	30 1	2	58 2	2	90 3		
4	18 4	4	4 1	4	11 3	4	30 6	4	58 9	4	90 8		
6	18 1	6	3 9	6	11 7	6	31 1	6	59 5	6	91 4		
8	17 9	8	3 6	8	12 0	8	31 6	8	60 1	8	92 0		
47	17 6	57	3 3	67	12 4	77	32 1	87	60 7	97	92 5		
2	17 3	2	3 0	2	12 7	2	32 6	2	61 4	2	93 0		
4	17 0	4	2 7	4	13 1	4	33 1	4	62 1	4	93 6		
6	16 8	6	2 4	6	13 4	6	33 6	6	62 9	6	94 2		
8	16 5	8	2 1	8	13 8	8	34 1	8	63 6	8	94 7		
48	16 2	58	1 8	68	14 1	78	34 6	88	64 2	98	95 2		
2	15 9	2	1 5	2	14 5	2	35 0	2	64 9	2	95 7		
4	15 6	4	1 2	4	14 9	4	35 5	4	65 6	4	96 2		
6	15 3	6	0 9	6	15 2	6	35 9	6	66 2	6	96 8		
8	15 1	8	0 6	8	15 6	8	36 4	8	66 9	8	97 4		
49	14 8	59	0 3	69	15 9	79	36 9	89	67 5	99	97 9		
2	14 5	2		2	16 3	2	37 4	2	68 3	2	98 4		
4	14 3	4	0 3	4	16 7	4	37 9	4	69 0	4	98 9		
6	14 1	6	0 6	6	17 0	6	38 4	6	69 7	6	99 4		
8	13 8	8	0 9	8	17 4	8	38 9	8	70 4	8	99 9		
50	13 5	60	1 2	70	17 7	80	39 4	90	71 1	100			

A

Temperature 60° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	73 2	0	66 7	10	58 7	20	49 2	30	38 1		
2		2	73 1	2	66 6	2	58 5	2	49 0	2	37 8		
4		4	73 0	4	66 5	4	58 3	4	48 8	4	37 6		
6		6	72 8	6	66 3	6	58 1	6	48 6	6	37 4		
8		8	72 7	8	66 2	8	57 9	8	48 4	8	37 2		
1		11	72 6	1	66 1	11	57 8	21	48 2	31	36 9		
2		2	72 5	2	65 9	2	57 6	2	48 0	2	36 7		
4		4	72 3	4	65 8	4	57 4	4	47 8	4	36 5		
6		6	72 2	6	65 6	6	57 3	6	47 6	6	36 2		
8		8	72 1	8	65 5	8	57 1	8	47 4	8	36 0		
2		12	72 0	2	65 3	12	56 9	22	47 2	32	35 8		
2		2	71 8	2	65 2	2	56 7	2	47 0	2	35 6		
4		4	71 7	4	65 0	4	56 6	4	46 8	4	35 4		
6		6	71 6	6	64 9	6	56 3	6	46 6	6	35 2		
8		8	71 4	8	64 7	8	56 1	8	46 4	8	34 9		
3		13	71 3	3	64 6	13	55 9	23	46 2	33	31 7		
2		2	71 2	2	64 5	2	55 8	2	45 9	2	31 6		
4		4	71 0	4	64 3	4	55 6	4	45 7	4	31 3		
6		0	70 9	6	64 1	6	55 4	6	45 6	6	31 0		
8		8	70 8	8	63 9	8	55 2	8	45 3	8	33 8		
4		14	70 7	4	63 8	14	55 0	24	45 1	34	33 6		
2		2	70 5	2	63 7	2	54 9	2	44 9	2	33 3		
4		4	70 4	4	63 5	4	54 7	4	44 6	4	33 1		
6		6	70 3	6	63 3	6	54 5	6	44 4	6	32 8		
8		8	70 1	8	63 2	8	54 3	8	44 2	8	32 6		
5		15	70 0	5	63 0	15	54 1	25	44 0	35	32 4		
2		2	69 0	2	62 9	2	53 9	2	43 7	2	32 1		
4		4	69 7	4	62 7	4	53 7	4	43 5	4	31 9		
6		6	69 6	6	62 6	6	53 4	6	43 2	6	31 7		
8		8	69 5	8	62 3	8	53 4	8	43 0	8	31 5		
6		16	69 3	6	62 2	16	53 2	26	42 7	36	31 2		
2		2	69 2	2	62 0	2	53 0	2	42 5	2	31 0		
4		4	69 1	4	61 8	4	52 8	4	42 3	4	30 8		
6		6	68 9	6	61 7	6	52 7	6	42 0	6	30 5		
8		8	68 8	8	61 5	8	52 5	8	41 8	8	30 3		
7		17	68 7	7	61 3	17	52 3	27	41 6	37	30 0		
2		2	68 5	2	61 1	2	52 1	2	41 4	2	29 7		
4		4	68 4	4	60 9	4	51 9	4	41 1	4	29 5		
6		6	68 3	6	60 8	6	51 7	6	40 8	6	29 2		
8		8	68 2	8	60 6	8	51 5	8	40 6	8	29 0		
8		18	68 0	8	60 4	18	51 3	28	40 4	38	28 8		
2		2	67 9	2	60 2	2	51 1	2	40 1	2	28 6		
4		4	67 8	4	60 1	4	50 9	4	39 9	4	28 3		
6		6	67 7	6	59 9	6	50 7	6	39 7	6	28 0		
8		8	67 5	8	59 7	8	50 5	8	39 6	8	27 8		
9		19	67 4	9	59 5	9	50 2	29	39 2	39	27 5		
2		2	67 3	2	59 4	2	50 0	2	39 0	2	27 3		
4		4	67 1	4	59 2	4	49 8	4	38 8	4	27 1		
6		6	67 0	6	59 0	6	49 6	6	38 5	6	26 8		
8		8	66 9	8	58 8	8	49 4	8	38 3	8	26 6		
10		20	66 7	10	58 7	20	49 2	30	38 1	40	26 3		

Temperature 60° F.

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GLASS HYDROMETER

A

Temperature 61° F.

Days on Stem A	Per cent over Proof	Days on Stem. A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem.	Per cent over Proof	Days on Stem.	Per cent over Proof
0		10	73 1	6	66 6	10	54 4	20	48 9	30	37 8		
2		12	73 0	2	66 4	2	58 3	12	48 7	12	37 5		
4		4	72 9	4	66 3	4	58 1	4	48 5	4	37 3		
6		6	72 7	6	66 1	6	57 9	6	48 3	6	37 1		
8		8	72 6	8	66 0	8	57 7	8	48 1	8	36 9		
1		11	72 5	1	65 9	11	57 5	21	47 9	31	36 6		
2		12	72 4	2	65 7	2	57 3	12	47 7	2	36 4		
4		4	72 2	4	65 6	4	57 1	4	47 5	4	36 2		
0		6	72 1	6	65 4	6	57 0	6	47 3	6	35 9		
8		8	72 0	8	65 3	8	56 8	8	47 1	8	35 7		
2		12	71 8	12	65 1	12	56 0	22	46 9	32	35 5		
2		2	71 7	2	65 0	2	56 4	2	46 7	2	35 3		
4		4	71 6	4	64 8	4	56 2	4	46 5	4	35 1		
8		8	71 5	8	64 7	8	56 6	8	46 3	8	34 9		
3		13	71 3	3	64 6	13	55 9	23	46 1	33	34 6		
2		2	71 2	2	64 4	2	55 5	2	45 9	2	34 4		
4		4	70 9	4	64 2	4	55 3	4	45 6	4	34 2		
6		6	70 8	6	63 9	6	55 1	6	45 2	6	34 0		
8		8	70 7	8	63 7	8	54 9	8	45 0	8	33 7		
4		14	70 5	4	63 6	14	54 7	21	44 8	34	33 2		
2		2	70 4	2	63 5	2	54 6	2	44 6	2	33 0		
4		4	70 3	4	63 3	4	54 4	4	44 3	4	32 8		
8		8	70 1	8	63 1	8	54 2	8	44 1	8	32 5		
8		8	70 0	8	62 9	8	54 0	8	43 9	8	32 3		
5		15	69 9	5	62 7	15	53 9	25	43 7	35	32 1		
2		2	69 7	2	62 6	2	53 7	2	43 4	2	31 8		
4		4	69 6	4	62 5	4	53 5	4	43 2	4	31 6		
6		6	69 5	6	62 3	6	53 3	6	42 9	6	31 4		
8		8	69 3	8	62 1	8	53 1	8	42 7	8	31 2		
6		16	69 2	6	61 9	16	52 9	26	42 4	36	30 9		
2		2	69 1	2	61 8	2	52 7	2	42 2	2	30 6		
4		4	69 0	4	61 6	4	52 5	4	41 9	4	30 4		
6		6	68 8	6	61 4	6	52 4	6	41 7	6	30 2		
8	75 2	8	68 7	8	61 2	8	52 2	8	41 4	8	30 0		
7	75 1	17	68 6	7	61 6	17	52 0	27	41 2	37	29 7		
2	75 0	2	68 4	2	60 9	2	51 8	2	41 0	2	29 4		
4	74 9	4	68 3	4	60 7	4	51 6	4	40 7	4	29 2		
6	74 7	6	68 2	6	60 5	6	51 4	6	40 5	6	28 9		
8	74 6	8	68 1	8	60 3	8	51 2	8	40 3	8	28 7		
8	74 4	18	67 9	8	60 2	18	51 0	28	40 1	38	28 4		
2	74 3	2	67 8	2	60 6	2	50 8	2	39 8	2	28 2		
4	74 2	4	67 7	4	59 8	4	50 6	4	39 6	4	28 0		
6	74 0	6	67 5	6	59 6	6	50 4	6	39 4	6	27 7		
8	73 9	8	67 4	8	59 5	8	50 2	8	39 2	8	27 5		
9	73 8	19	67 3	9	59 3	19	49 9	29	39 9	39	27 2		
2	73 6	2	67 1	2	59 1	2	49 7	2	38 7	2	27 0		
4	73 5	4	67 0	4	58 9	4	49 5	4	38 4	4	26 8		
6	73 4	6	66 9	6	58 7	6	49 3	6	38 2	6	26 5		
8	73 3	8	66 7	8	58 6	8	49 1	8	38 0	8	26 3		
10	73 1	20	66 6	10	58 4	20	48 9	30	37 8	40	26 0		

GLASS HYDROMETER

Temperature 61° F.

Dive on Stem.		Per cent over Proof	Dive on Stem		Per cent over Proof	Dive on Stem		Per cent under Proof	Dive on Stem		Per cent under Proof	Dive on Stem		Per cent under Proof	Dive on Stem		Per cent under Proof	Dive on Stem		Per cent under Proof	Dive on Stem		Per cent under Proof
40	2	25 0	50	12	12 8	60	12	1 9	70	18	18 5	80	40	40 2	90	71	71 6						
	4	25 7		4	12 5		4	2 2		2	18 9		2	40 7		2	72 2						
	6	25 5		6	12 2		6	2 5		4	19 3		4	41 2		4	72 8						
	8	25 2		8	11 9		8	2 8		6	19 7		6	41 7		6	73 5						
	10	25 0		10	11 6		10	3 1		8	20 1		8	42 2		8	74 2						
41	2	24 7	51	11	11 4	61	11	3 4	71	20	20 5	81	42	42 8	91	74	74 9						
	4	24 4		4	11 1		4	3 7		2	20 9		2	43 4		2	75 5						
	6	24 2		6	10 8		6	4 0		4	21 3		4	43 9		4	76 2						
	8	23 9		8	10 5		8	4 3		6	21 7		6	44 4		6	76 8						
	10	23 7		10	10 2		10	4 6		8	22 1		8	45 0		8	77 4						
42	2	23 4	52	9	9 9	62	9	4 9	72	22	22 8	82	43	43 6	92	78	78 1						
	4	23 1		4	9 6		4	5 3		2	22 9		2	46 2		2	78 7						
	6	22 9		6	9 3		6	5 6		4	23 3		4	46 8		4	79 3						
	8	22 6		8	9 0		8	5 9		6	23 7		6	47 4		6	80 0						
	10	22 3		10	8 7		10	6 2		8	24 1		8	48 0		8	80 6						
43	2	22 0	53	8	8 4	63	8	6 5	73	24	24 5	83	48	48 6	93	81	81 2						
	4	21 8		4	8 1		4	6 8		2	24 9		2	49 2		2	81 8						
	6	21 5		6	7 8		6	7 1		4	25 3		4	49 8		4	82 4						
	8	21 3		8	7 5		8	7 4		6	25 7		6	50 4		6	83 0						
	10	21 0		10	7 2		10	7 8		8	26 1		8	51 0		8	83 5						
44	2	20 7	54	7	6 9	64	7	8 1	74	26	26 5	84	51	51 6	94	84	84 1						
	4	20 5		4	6 6		4	8 4		2	26 9		2	52 3		2	84 6						
	6	20 3		6	6 3		6	8 7		4	27 3		4	52 9		4	85 2						
	8	20 0		8	6 0		8	9 0		6	27 6		6	53 5		6	85 8						
	10	19 8		10	5 7		10	9 4		8	28 0		8	54 1		8	86 4						
45	2	19 5	55	6	5 4	65	6	9 7	75	28	28 4	85	54	54 8	95	87	87 0						
	4	19 3		4	5 1		4	10 0		2	28 8		2	55 4		2	87 6						
	6	19 0		6	4 8		6	10 4		4	29 2		4	56 1		4	88 2						
	8	18 8		8	4 6		8	10 7		6	29 6		6	56 8		6	88 8						
	10	18 5		10	4 4		10	11 0		8	30 0		8	57 5		8	89 4						
46	2	18 3	56	5	4 1	66	5	11 4	76	30	30 6	86	58	58 2	96	90	90 0						
	4	18 0		4	3 8		4	11 7		2	31 0		2	58 8		2	90 6						
	6	17 7		6	3 5		6	12 1		4	31 5		4	59 5		4	91 2						
	8	17 4		8	3 2		8	12 5		6	32 0		6	60 1		6	91 8						
	10	17 1		10	2 9		10	12 8		8	32 5		8	60 7		8	92 3						
47	2	16 9	57	4	2 6	67	4	13 2	77	33	33 0	87	61	61 4	97	92	92 8						
	4	16 6		4	2 3		4	13 5		2	33 5		2	62 0		2	93 3						
	6	16 3		6	2 0		6	13 9		4	34 0		4	62 7		4	93 8						
	8	16 1		8	1 7		8	14 2		6	34 5		6	63 4		6	94 3						
	10	15 8		10	1 4		10	14 5		8	34 9		8	64 1		8	94 9						
48	2	15 5	58	3	1 1	68	3	14 9	78	35	35 3	88	64	64 8	98	95	95 4						
	4	15 2		4	0 8		4	15 3		2	35 8		2	65 5		2	95 9						
	6	14 9		6	0 5		6	15 7		4	36 2		4	66 2		4	96 4						
	8	14 6		8	0 2		8	16 0		6	36 6		6	66 8		6	97 0						
	10	14 4		10	0 1		10	16 3		8	37 1		8	67 5		8	97 6						
49	2	14 2	59	2	0 4	69	2	16 7	79	37	37 6	89	68	68 2	99	98	98 1						
	4	13 9		4	0 7		4	17 1		2	38 1		2	68 8		2	98 6						
	6	13 6		6	1 0		6	17 4		4	38 6		4	69 5		4	99 1						
	8	13 4		8	1 3		8	17 7		6	39 1		6	70 2		6	99 6						
	10	13 1		10	1 6		10	18 1		8	39 6		8	70 9		8							
50	2	12 8	60	1	1 9	70	1	18 5	80	40	40 2	90	71	71 6	100								

Temperature 62° F.

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GLASS HYDROMETER.

Temperature 62° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	25 8	50	12 4	60	2 2	70	18 9	80	40 6	90	71 8				
2	25 4	2	12 1	2	2 5	2	19 3	2	41 2	2	72 4				
4	25 1	4	11 9	4	2 8	4	19 7	4	41 7	4	73 0				
6	24 9	6	11 6	6	3 1	6	20 1	6	42 3	6	73 7				
8	24 6	8	11 3	8	3 4	8	20 5	8	42 7	8	74 4				
41	24 4	51	11 0	61	3 8	71	20 9	81	43 1	91	75 1				
2	24 1	2	10 7	2	4 1	2	21 3	2	43 8	2	75 7				
4	23 9	4	10 4	4	4 4	4	21 7	4	44 4	4	76 4				
6	23 6	6	10 1	6	4 7	6	22 1	6	44 0	6	77 0				
8	23 3	8	9 8	8	5 0	8	22 5	8	45 4	8	77 6				
42	23 0	52	9 5	62	5 3	72	22 9	82	46 0	92	78 3				
2	22 8	2	9 2	2	5 6	2	23 3	2	46 6	2	78 9				
4	22 5	4	8 9	4	5 9	4	23 7	4	47 2	4	79 5				
6	22 2	6	8 6	6	6 2	6	24 1	6	47 8	6	80 2				
8	22 0	8	8 3	8	6 6	8	24 5	8	48 4	8	80 8				
43	21 7	53	8 0	63	6 9	73	24 9	83	49 0	93	81 4				
2	21 4	2	7 7	2	7 2	2	25 3	2	49 6	2	82 0				
4	21 2	4	7 4	4	7 5	4	25 7	4	50 2	4	82 6				
6	21 0	6	7 1	6	7 8	6	26 1	6	50 8	6	83 2				
8	20 7	8	6 8	8	8 1	8	26 5	8	51 4	8	83 8				
44	20 4	54	6 5	64	8 5	74	26 9	84	52 0	94	84 4				
2	20 1	2	6 2	2	8 8	2	27 3	2	53 7	2	85 0				
4	19 8	4	5 9	4	9 1	4	27 7	4	53 3	4	85 6				
6	19 6	6	5 6	6	9 4	6	28 1	6	53 9	6	86 2				
8	19 4	8	5 3	8	9 7	8	28 5	8	54 5	8	86 8				
45	19 2	55	5 0	65	10 1	75	28 9	85	55 2	95	87 3				
2	18 9	2	4 8	2	10 4	2	29 3	2	55 8	2	87 8				
4	18 7	4	4 5	4	10 7	4	29 7	4	56 3	4	88 4				
6	18 4	6	4 2	6	11 0	6	30 1	6	57 1	6	89 0				
8	18 2	8	4 0	8	11 4	8	30 5	8	57 8	8	89 6				
46	17 9	56	3 7	66	11 8	76	30 9	86	58 3	96	90 2				
2	17 6	2	3 4	2	12 1	2	31 4	2	59 1	2	90 8				
4	17 4	4	3 2	4	12 5	4	31 9	4	59 8	4	91 4				
6	17 1	6	2 9	6	12 8	6	32 4	6	60 4	6	91 9				
8	16 9	8	2 6	8	13 2	8	32 9	8	61 1	8	92 4				
47	16 6	57	2 3	67	13 6	77	33 4	87	61 7	97	92 9				
2	16 3	2	2 0	2	13 9	2	33 9	2	62 4	2	93 5				
4	16 0	4	1 7	4	14 3	4	34 4	4	63 1	4	94 0				
6	15 7	6	1 4	6	14 6	6	34 8	6	63 7	6	94 5				
8	15 4	8	1 1	8	15 0	8	35 3	8	64 4	8	95 0				
48	15 1	58	0 8	68	15 3	78	35 7	88	65 1	98	95 5				
2	14 9	2	0 5	2	15 7	2	36 2	2	65 8	2	96 1				
4	14 6	4	0 2	4	16 1	4	36 6	4	66 5	4	96 6				
6	14 3	6	0 1	6	16 4	6	37 1	6	67 1	6	97 1				
8	14 1	8	0 4	8	16 7	8	37 6	8	67 8	8	97 7				
49	13 9	59	0 7	69	17 1	79	38 1	89	68 5	99	98 2				
2	13 6	2	1 0	2	17 4	2	38 6	2	69 1	2	98 7				
4	13 3	4	1 3	4	17 7	4	39 1	4	69 8	4	99 2				
6	13 0	6	1 6	6	18 1	6	39 6	6	70 5	6	99 7				
8	12 7	8	1 9	8	18 5	8	40 1	8	71 2	8					
50	12 4	60	2 2	70	18 9	80	40 6	90	71 8	100					

A **Temperature 63° F.**

50

Temperature 63° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof					
40	25 3	50	12 1	60	2 6	70	19 3	80	41 1	90	72 1	40	25 0	50	11 8	60	2 9	70	19 7	80	41 6	90	72 7	40	24 8	50	11 5	60	3 2	70	20 1	80	42 2	90	73 3
2	24 5	2	11 2	2	3 5	2	20 5	2	42 7	2	74 0	4	24 3	4	10 9	4	3 8	4	20 9	4	43 2	4	74 7	6	24 0	6	10 6	6	4 1	6	21 3	6	43 7	6	75 4
4	23 7	4	10 3	4	4 4	4	21 7	4	44 3	4	76 0	6	23 5	6	10 0	6	4 7	6	22 1	6	44 8	6	76 6	8	23 2	8	9 7	8	5 0	8	22 5	8	45 4	8	77 2
6	23 0	6	9 4	6	5 4	6	23 9	6	46 5	6	77 8	8	22 7	8	8 8	8	5 4	8	23 3	8	46 9	8	77 8	10	22 4	10	8 5	10	6 0	10	24 1	10	47 1	10	79 1
12	22 7	12	8 6	12	6 0	12	23 7	12	47 1	12	79 1	14	22 4	14	8 2	14	6 3	14	24 5	14	47 7	14	79 7	16	22 1	16	8 0	16	6 6	16	24 9	16	48 2	16	80 4
14	22 4	14	8 5	14	6 3	14	24 1	14	48 6	14	81 0	16	21 9	16	7 9	16	6 9	16	24 5	16	48 6	16	81 0	18	21 7	18	7 6	18	7 2	18	25 3	18	49 4	18	81 6
16	21 7	16	7 6	16	7 2	16	25 3	16	49 4	16	81 6	18	21 4	18	7 3	18	7 6	18	25 7	18	50 0	18	82 2	20	21 1	20	7 0	20	7 9	20	26 1	20	50 6	20	82 8
18	21 1	18	7 3	18	7 6	18	25 7	18	50 0	18	82 8	20	20 9	20	6 8	20	8 2	20	26 5	20	51 2	20	83 4	22	20 7	22	6 5	22	8 5	22	26 9	22	51 8	22	84 0
20	20 9	20	6 8	20	8 2	20	26 9	20	51 8	20	84 0	22	20 4	22	6 5	22	8 5	22	27 3	22	52 4	22	84 6	24	20 1	24	6 2	24	8 8	24	27 7	24	53 1	24	85 2
22	20 7	22	6 5	22	8 5	22	27 7	22	53 1	22	85 2	24	20 4	24	6 2	24	8 8	24	28 1	24	53 7	24	85 8	26	20 1	26	6 0	26	9 2	26	28 5	26	54 3	26	86 4
24	20 4	24	6 2	24	8 8	24	28 5	24	54 9	24	86 4	26	20 1	26	6 0	26	9 2	26	28 9	26	55 5	26	87 0	28	19 8	28	5 9	28	9 8	28	29 3	28	56 2	28	87 6
26	20 1	26	5 9	26	9 2	26	29 3	26	56 2	26	87 6	28	19 6	28	5 6	28	9 8	28	29 7	28	56 9	28	88 2	30	19 3	30	5 3	30	10 1	30	30 1	30	57 4	30	88 8
28	19 8	28	5 6	28	9 5	28	29 7	28	57 4	28	88 8	30	19 6	30	5 3	30	10 4	30	30 5	30	58 1	30	89 4	32	19 3	32	5 0	32	10 8	32	30 9	32	58 8	32	90 0
30	19 6	30	5 3	30	9 8	30	30 1	30	58 8	30	90 0	32	19 1	32	4 7	32	11 1	32	30 9	32	59 1	32	90 6	34	19 1	34	4 4	34	11 4	34	31 4	34	59 4	34	91 2
32	19 3	32	5 0	32	10 1	32	30 9	32	59 1	32	91 2	34	18 9	34	4 1	34	11 7	34	31 9	34	60 1	34	91 8	36	18 9	36	4 0	36	11 7	36	32 4	36	60 7	36	92 4
34	19 1	34	4 7	34	10 4	34	31 4	34	60 7	34	92 4	36	18 6	36	3 8	36	12 0	36	32 8	36	61 4	36	93 0	38	18 6	38	3 5	38	12 4	38	33 3	38	62 0	38	93 6
36	18 9	36	4 4	36	10 8	36	31 9	36	62 0	36	93 6	38	18 4	38	3 3	38	12 8	38	33 8	38	62 7	38	94 2	40	18 4	40	3 3	40	13 2	40	33 8	40	63 4	40	94 8
38	18 6	38	4 1	38	11 1	38	32 4	38	63 4	38	94 8	40	18 1	40	3 0	40	13 6	40	34 3	40	64 0	40	95 4	42	18 1	42	3 0	42	13 6	42	34 8	42	64 7	42	96 0
40	18 4	40	3 8	40	11 4	40	32 8	40	64 7	40	96 0	42	17 9	42	2 7	42	13 9	42	35 2	42	65 5	42	96 6	44	17 9	44	2 7	44	14 3	44	35 7	44	66 2	44	97 2
42	18 1	42	3 5	42	11 7	42	33 3	42	65 5	42	97 2	44	17 6	44	2 4	44	14 7	44	36 1	44	66 9	44	97 8	46	17 6	46	2 4	46	14 7	46	36 6	46	67 4	46	97 8
44	17 9	44	3 3	44	12 0	44	33 8	44	66 2	44	98 4	46	17 3	46	2 1	46	15 0	46	37 0	46	68 1	46	98 4	48	17 3	48	2 1	48	15 3	48	37 5	48	68 8	48	99 0
46	17 6	46	3 0	46	12 4	46	34 3	46	66 9	46	99 0	48	17 1	48	1 9	48	15 3	48	37 5	48	69 4	48	99 6	50	17 1	50	1 9	50	15 7	50	38 0	50	69 7	50	100 0
48	17 3	48	2 7	48	12 8	48	34 8	48	67 4	48	100 0	50	16 9	50	1 6	50	16 1	50	38 5	50	70 1	50	100 6	52	16 9	52	1 6	52	16 1	52	39 0	52	70 8	52	101 2
50	17 1	50	2 4	50	13 2	50	35 2	50	68 1	50	101 8	52	16 6	52	1 3	52	16 4	52	39 5	52	70 8	52	101 8	54	16 6	54	1 3	54	16 4	54	39 5	54	71 5	54	102 4
52	16 9	52	2 1	52	13 6	52	35 7	52	68 8	52	102 4	54	16 5	54	1 1	54	16 7	54	40 1	54	71 5	54	103 0	56	16 5	56	1 1	56	16 7	56	40 6	56	72 1	56	103 6
54	16 6	54	1 9	54	13 9	54	36 1	54	69 4	54	103 6	56	16 2	56	1 0	56	17 1	56	40 6	56	72 1	56	104 2	58	16 2	58	1 0	58	17 1	58	41 1	58	73 3	58	104 8
56	16 5	56	1 6	56	14 3	56	36 6	56	70 1	56	104 8	58	16 2	58	0 7	58	17 5	58	41 6	58	73 3	58	105 4	60	16 2	60	0 7	60	17 5	60	42 2	60	74 0	60	105 4
58	16 2	58	1 3	58	14 7	58	37 0	58	70 8	58	105 4	60	16 2	60	0 4	60	17 9	60	42 7	60	74 0	60	106 0	62	16 2	62	0 4	62	18 1	62	43 2	62	74 7	62	106 0
60	16 2	60	1 3	60	15 0	60	37 5	60	71 5	60	106 0	62	16 2	62	0 1	62	18 5	62	43 7	62	74 7	62	106 6	64	16 2	64	0 1	64	18 5	64	43 7	64	75 4	64	106 6
62	16 2	62	1 3	62	15 3	62	38 0	62	72 1	62	106 6	64	16 2	64	0 1	64	18 9	64	44 3	64	75 4	64	107 2	66	16 2	66	0 1	66	19 3	66	44 3	66	76 0	66	107 2
64	16 2	64	1 3	64	15 7	64	38 5	64	72 8	64	107 2	66	16 2	66	0 1	66	19 7	66	44 8	66	76 0	66	107 8	68	16 2	68	0 1	68	19 7	68	44 8	68	76 6	68	107 8
66	16 2	66	1 3	66	16 1	66	39 0	66	73 3	66	107 8	68	16 2	68	0 1	68	20 1	68	45 4	68	76 6	68	108 4	70	16 2	70	0 1	70	20 1	70	45 4	70	77 2	70	108 4
68	16 2	68	1 3	68	16 4	68	39 5	68	74 0	68	108 4	70	16 2	70	0 1	70	20 5	70	45 9	70	77 2	70	109 0	72	16 2	72	0 1	72	20 5	72	45 9	72	77 8	72	109 0
70	16 2	70	1 3	70	16 7	70	40 1	70	74 7	70	109 0	72	16 2	72	0 1	72	20 9	72	46 5	72	77 8	72	109 6	74	16 2	74	0 1	74	20 9	74	46 5	74	78 5	74	109 6
72	16 2	72	1 3	72	17 1	72	40 6	72	75 4	72	109 6	74	16 2	74	0 1	74	21 3	74	47 1	74	78 5	74	110 2	76	16 2	76	0 1	76	21 3	76	47 1	76	79 1	76	110 2
74	16 2	74	1 3	74	17 5	74	41 1	74	76 0	74	110 2	76	16 2	76	0 1	76	21 7	76	47 7	76	79 1	76	110 8	78	16 2	78	0 1	78	21 7	78	47 7	78	79 7	78	110 8
76	16 2	76	1 3	76	17 9	76	41 6	76	76 6	76	110 8	78	16 2	78	0 1	78	22 1	78	48 2	78	79 7	78	111 4	80	16 2	80	0 1	80	22 1	80	48 2	80	80 4	80	111 4
78	16 2	78	1 3	78	18 3	78	42 2	78	77 2	78	111 4	80	16 2	80	0 1	80	22 5	80	48 6	80	80 4	80	112 0	82	16 2	82	0 1	82	22 5	82	48 6	82	81 0	82	112 0
80	16 2	80	1 3	80	18 7	80	42 7	80	77 8	80	112 0	82	16 2	82	0 1	82	22 9	82	49 4	82	81 0	82	112 6	84	16 2	84	0 1	84	22 9	84	49 4	84	81 6	84	112 6
82	16 2	82	1 3	82	19 1	82	43 2	82	78 5	82	112 6	84	16 2	84	0 1	84	23 3	84	50 0	84	81 6	84	113 2	86	16 2	86	0 1	86	23 3	86	49 4	86	82 2	86	113 2
84	16 2	84	1 3	84	19 5	84	43 7	84	79 1	84	113 2	86	16 2	86	0 1	86	23 7	86	50 6	86	82 2	86	113 8	88	16 2	88	0 1	88	23 7	88	50 6	88	82 8	88	113 8
86	16 2	86	1 3	86	19 9	86	44 3	86	79 7	86	113 8	88	16 2	88	0 1	88	24 1	88	51 2	88	82 8	88	114 4	90	16 2	90	0 1	90	24 1	90	51 2	90	83 4	90	114 4
88	16 2	88	1 3	88	20 3	88	44 8	88																											

GLASS HYDROMETER.

A

Temperature 64° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	72 5	0	66 0	10	57 7	20	48 1	30	36 8
1		2	72 3	2	65 8	2	57 5	2	47 9	2	36 6
2		4	72 2	4	65 7	4	57 3	4	47 7	4	36 4
3		6	72 1	6	65 5	6	57 1	6	47 5	6	36 1
4		8	72 0	8	65 4	8	56 9	8	47 3	8	35 9
5		11	71 8	1	65 2	11	56 7	11	47 1	11	35 7
6		2	71 7	2	65 1	2	56 6	2	46 9	2	35 5
7		4	71 6	4	64 9	4	56 4	4	46 7	4	35 3
8		6	71 4	6	64 8	6	56 2	6	46 4	6	35 1
9		8	71 3	8	64 6	8	56 0	8	46 2	8	34 9
10		12	71 2	12	64 5	12	55 8	12	46 0	12	34 6
11		2	71 0	2	64 3	2	55 6	2	45 8	2	34 4
12		4	70 9	4	64 2	4	55 5	4	45 6	4	34 1
13		6	70 8	6	64 0	6	55 3	6	45 4	6	33 9
14		8	70 7	8	63 9	8	55 1	8	45 2	8	33 7
15		13	70 5	3	63 7	13	54 9	13	45 0	13	33 5
16		2	70 4	2	63 6	2	54 7	2	44 7	2	33 2
17		4	70 3	4	63 4	4	54 5	4	44 5	4	33 0
18		6	70 1	6	63 2	6	54 3	6	44 3	6	32 8
19		8	70 0	8	63 0	8	54 1	8	44 1	8	32 6
20		14	69 9	4	62 9	14	53 9	14	43 8	14	32 3
21		2	69 7	2	62 7	2	53 8	2	43 6	2	32 1
22		4	69 6	4	62 5	4	53 6	4	43 3	4	31 9
23		6	69 5	6	62 4	6	53 4	6	43 1	6	31 6
24		8	69 4	8	62 2	8	53 2	8	42 8	8	31 4
25		15	69 3	5	62 0	15	53 1	15	42 6	15	31 2
26		2	69 1	2	61 9	2	52 9	2	42 4	2	30 9
27		4	69 0	4	61 7	4	52 7	4	42 2	4	30 7
28		6	68 9	6	61 5	6	52 5	6	42 0	6	30 4
29		8	68 7	8	61 3	8	52 3	8	41 7	8	30 2
30		16	68 6	6	61 1	16	52 1	16	41 4	16	30 0
31		2	68 5	2	61 0	2	51 9	2	41 2	2	29 7
32		4	68 4	4	60 8	4	51 7	4	40 9	4	29 5
33		6	68 2	6	60 6	6	51 5	6	40 7	6	29 2
34		8	68 1	8	60 4	8	51 3	8	40 5	8	29 0
35		17	68 0	7	60 3	17	51 1	17	40 3	17	28 7
36		2	67 9	2	60 1	2	50 9	2	40 1	2	28 4
37		4	67 7	4	59 9	4	50 7	4	39 8	4	28 2
38		6	67 6	6	59 7	6	50 5	6	39 6	6	27 9
39		8	67 5	8	59 6	8	50 3	8	39 4	8	27 7
40		18	67 3	8	59 4	18	50 1	18	39 2	18	27 5
41		2	67 2	2	59 2	2	49 9	2	38 9	2	27 2
42		4	67 1	4	59 1	4	49 7	4	38 7	4	27 0
43		6	66 9	6	58 9	6	49 5	6	38 4	6	26 7
44		8	66 8	8	58 7	8	49 3	8	38 2	8	26 5
45		19	66 7	9	58 5	19	49 1	19	37 9	19	26 2
46		2	66 5	2	58 4	2	48 9	2	37 7	2	26 0
47		4	66 4	4	58 2	4	48 7	4	37 5	4	25 7
48		6	66 3	6	58 0	6	48 5	6	37 3	6	25 5
49		8	66 2	8	57 8	8	48 3	8	37 0	8	25 2
50		20	66 0	10	57 7	20	48 1	20	36 8	20	25 0

GLASS HYDROMETER.

Temperature 64° F

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	25 0	50	11 7	60	12 9	70	19 8	80	41 5	90	72 3		
12	24 4	12	11 4	12	12 2	12	20 12	12	42 1	12	72 9		
4	24 5	4	11 3	4	12 3	4	20 6	4	42 6	4	73 5		
6	24 9	6	10 9	6	12 6	6	21 0	6	43 1	6	74 2		
8	24 0	8	10 6	8	12 3	8	21 4	8	43 6	8	74 9		
41	23 7	51	10 3	61	12 8	71	21 8	81	44 1	91	75 8		
12	23 4	12	10 0	12	12 8	12	22 2	12	44 7	12	76 2		
4	23 9	4	9 7	4	12 5	4	22 6	4	45 2	4	76 8		
6	23 6	6	9 4	6	12 5	6	23 0	6	45 8	6	77 4		
8	23 3	8	9 1	8	12 5	8	23 4	8	46 3	8	78 0		
42	22 9	52	8 8	62	12 2	72	23 8	82	46 9	92	78 7		
12	22 1	12	8 5	12	12 4	12	24 2	12	47 5	12	79 3		
4	21 8	4	8 2	4	12 7	4	24 6	4	48 1	4	79 9		
6	21 5	6	7 9	6	12 7	6	25 0	6	48 7	6	80 6		
8	21 3	8	7 6	8	12 7	8	25 4	8	49 3	8	81 2		
43	21 1	53	7 3	63	12 7	73	25 8	83	49 9	93	81 8		
12	20 8	12	7 0	12	12 7	12	26 2	12	50 5	12	82 4		
4	20 5	4	6 7	4	12 8	4	26 6	4	51 1	4	83 0		
6	20 3	6	6 5	6	12 8	6	26 9	6	51 7	6	83 6		
8	20 0	8	6 2	8	12 8	8	27 3	8	52 3	8	84 2		
44	19 8	54	5 9	64	12 8	74	27 7	84	52 9	94	84 8		
12	19 5	12	5 6	12	12 8	12	28 0	12	53 5	12	85 4		
4	19 3	4	5 3	4	12 8	4	28 4	4	54 1	4	86 0		
6	19 0	6	5 0	6	12 8	6	28 8	6	54 8	6	86 6		
8	18 8	8	4 7	8	12 8	8	29 2	8	55 4	8	87 1		
45	18 5	55	4 4	65	12 8	75	29 6	85	56 0	95	87 7		
12	18 3	12	4 1	12	12 8	12	30 0	12	56 7	12	88 2		
4	18 0	4	3 9	4	12 8	4	30 4	4	57 4	4	88 8		
6	17 8	6	3 6	6	12 8	6	30 8	6	58 0	6	89 4		
8	17 5	8	3 3	8	12 8	8	31 3	8	58 7	8	90 0		
46	17 2	56	3 0	66	12 8	76	31 8	86	59 4	96	90 6		
12	16 9	12	2 7	12	12 9	12	32 3	12	60 0	12	91 2		
4	16 7	4	2 4	4	13 2	4	32 8	4	60 6	4	91 7		
6	16 4	6	2 2	6	13 6	6	33 3	6	61 2	6	92 2		
8	16 2	8	1 9	8	14 0	8	33 8	8	61 8	8	92 7		
47	15 9	57	1 6	67	14 3	77	34 2	87	62 4	97	93 1		
12	15 6	12	1 3	12	14 7	12	34 7	12	63 0	12	93 7		
4	15 3	4	1 0	4	15 1	4	35 2	4	63 7	4	94 2		
6	15 0	6	0 7	6	15 4	6	35 6	6	64 4	6	94 7		
8	14 7	8	0 4	8	15 7	8	36 0	8	65 1	8	95 2		
48	14 5	58	0 1	68	16 1	78	36 5	88	65 7	98	95 7		
12	14 2	12	0 2	12	16 5	12	37 0	12	66 4	12	96 3		
4	14 0	4	0 5	4	16 8	4	37 5	4	67 1	4	96 8		
6	13 7	6	0 8	6	17 1	6	37 9	6	67 7	6	97 3		
8	13 5	8	1 1	8	17 5	8	38 4	8	68 4	8	97 9		
49	13 2	59	1 4	69	17 9	79	38 9	89	69 1	99	98 4		
12	12 9	12	1 7	12	18 3	12	39 4	12	69 7	12	98 9		
4	12 6	4	2 0	4	18 7	4	39 9	4	70 4	4	99 4		
6	12 3	6	2 3	6	19 1	6	40 4	6	71 1	6	99 9		
8	12 0	8	2 6	8	19 4	8	41 0	8	71 7	8			
50	11 7	60	2 9	70	19 8	80	41 5	90	72 3	100			

A

Temperature 65° F.

Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof
A			A			A			A			A		
0	10	72 3	0	10	65 8	10	57 4	20	47 8	30	36 5			
1	11	72 1	1	11	65 6	11	57 2	21	47 6	31	36 3			
2	12	72 0	2	12	65 5	12	57 0	22	47 4	32	36 1			
3	13	71 8	3	13	65 3	13	56 9	23	47 2	33	35 9			
4	14	71 7	4	14	65 1	14	56 7	24	47 0	34	35 7			
5	15	71 6	5	15	65 0	15	56 5	25	46 8	35	35 4			
6	16	71 4	6	16	64 9	16	56 3	26	46 6	36	35 2			
7	17	71 3	7	17	64 7	17	56 1	27	46 4	37	35 0			
8	18	71 2	8	18	64 6	18	55 9	28	46 2	38	34 8			
9	19	71 0	9	19	64 4	19	55 7	29	46 0	39	34 5			
10	20	70 0	10	20	64 3	20	55 6	30	45 7	40	34 3			
		70 8			64 1		55 3		45 5		34 1			
		70 7			63 9		55 2		45 3		33 8			
		70 5			63 8		55 0		45 1		33 6			
		70 4			63 6		54 8		44 9		33 4			
		70 3			63 5		54 6		44 7		33 2			
		70 1			63 2		54 5		44 4		32 0			
		70 0			63 1		54 3		44 2		32 7			
		69 0			63 0		54 1		44 0		32 5			
		69 7			62 8		53 9		43 8		32 3			
		69 6			62 7		53 7		43 5		32 0			
		69 5			62 5		53 5		43 3		31 7			
		69 3			62 3		53 3		43 0		31 5			
		69 2			62 1		53 1		42 8		31 3			
		69 1			61 9		52 9		42 5		31 1			
		68 9			61 8		52 8		42 3		30 8			
		68 8			61 6		52 6		42 0		30 6			
		68 7			61 4		52 4		41 8		30 4			
		68 5			61 3		52 2		41 6		30 1			
		68 4			61 1		52 0		41 3		29 0			
		68 3			60 9		51 9		41 1		29 6			
		68 2			60 7		51 7		40 9		29 3			
		68 0			60 6		51 5		40 6		29 1			
		67 9			60 4		51 3		40 4		28 8			
		67 8			60 2		51 1		40 2		28 6			
		67 7			60 0		50 9		40 0		28 4			
		67 5			59 9		50 7		39 8		28 1			
		67 4			59 7		50 5		39 5		27 9			
		67 3			59 5		50 3		39 3		27 6			
		67 1			59 3		50 0		39 1		27 4			
		67 0			59 1		49 8		38 8		27 2			
		66 9			59 0		49 6		38 6		26 0			
		66 7			58 8		49 4		38 3		26 7			
		66 6			58 6		49 2		38 1		26 4			
		66 5			58 5		49 0		37 9		26 2			
		66 3			58 3		48 8		37 6		25 9			
		66 2			58 1		48 6		37 4		25 6			
		66 1			58 0		48 4		37 2		25 4			
		65 9			57 8		48 2		37 0		25 1			
		65 8			57 6		48 0		36 7		24 9			
		65 7			57 4		47 8		36 5		24 6			

GLASS HYDROMETER.

Temperature 65° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	24 7	50	11 3	60	3 3	70	20 2	80	41 9	90	72 5		
12	24 4	12	11 0	2	3 6	2	20 6	2	42 4	2	73 1		
4	24 2	4	10 8	4	3 9	4	21 0	4	42 9	4	73 7		
0	23 9	0	10 5	6	4 2	6	21 4	6	43 4	6	74 4		
8	23 7	8	10 2	8	4 5	8	21 8	8	44 0	8	75 0		
41	23 4	51	9 9	61	4 8	71	22 2	81	44 5	91	75 7		
2	23 2	2	9 6	2	5 2	2	22 6	2	45 0	2	76 3		
4	22 9	4	9 3	4	5 5	4	23 0	4	45 6	4	76 9		
6	22 6	6	9 0	6	5 8	6	23 4	6	46 2	6	77 5		
8	22 4	8	8 7	8	6 1	8	23 8	8	46 8	8	78 1		
42	22 1	52	8 4	62	6 4	72	24 2	82	47 3	92	78 8		
2	21 8	2	8 1	2	6 7	2	24 6	2	47 9	2	79 4		
4	21 6	4	7 8	4	7 0	4	25 0	4	48 5	4	80 0		
6	21 3	6	7 5	6	7 3	6	25 4	6	49 0	6	80 7		
8	21 0	8	7 3	8	7 7	8	25 8	8	49 6	8	81 3		
43	20 7	53	7 0	63	8 0	73	26 2	83	50 1	93	81 9		
2	20 5	2	6 7	2	8 3	2	26 6	2	50 7	2	82 5		
4	20 2	4	6 4	4	8 6	4	26 9	4	51 3	4	83 1		
6	20 0	6	6 1	6	8 9	6	27 2	6	51 9	6	83 7		
8	19 7	8	5 8	8	9 2	8	27 6	8	52 5	8	84 3		
44	19 5	54	5 5	64	9 6	74	28 0	84	53 1	94	84 9		
2	19 2	2	5 2	2	9 9	2	28 4	2	53 7	2	85 5		
4	19 0	4	4 9	4	10 2	4	28 8	4	54 3	4	86 1		
6	18 7	6	4 6	6	10 5	6	29 2	6	54 9	6	86 7		
8	18 5	8	4 3	8	10 9	8	29 6	8	55 5	8	87 2		
45	18 2	55	4 0	65	11 2	75	30 0	85	56 1	95	87 8		
2	17 9	2	3 8	2	11 6	2	30 5	2	56 8	2	88 3		
4	17 7	4	3 5	4	11 9	4	31 0	4	57 4	4	88 9		
6	17 4	6	3 2	6	12 2	6	31 4	6	58 0	6	89 5		
8	17 2	8	3 0	8	12 5	8	31 8	8	58 7	8	90 1		
46	16 5	56	2 7	66	12 9	76	32 3	86	59 3	96	90 7		
2	16 0	2	2 4	2	13 2	2	32 8	2	59 9	2	91 3		
4	16 3	4	2 1	4	13 6	4	33 2	4	60 6	4	91 8		
6	16 1	6	1 8	6	14 0	6	33 7	6	61 3	6	92 3		
8	15 8	8	1 5	8	14 4	8	34 2	8	62 0	8	92 8		
47	15 5	57	1 2	67	14 7	77	34 7	87	62 6	97	93 4		
2	15 2	2	0 9	2	15 1	2	35 1	2	63 3	2	93 9		
4	14 9	4	0 6	4	15 4	4	35 5	4	64 0	4	94 4		
6	14 7	6	0 3	6	15 7	6	36 0	6	64 7	6	94 9		
8	14 4	8		8	16 1	8	36 5	8	65 3	8	95 4		
48	14 1	58	0 3	68	16 5	78	37 0	88	66 0	98	95 9		
2	13 9	2	0 6	2	16 9	2	37 5	2	66 7	2	96 4		
4	13 6	4	0 9	4	17 2	4	38 0	4	67 3	4	96 9		
6	13 3	6	1 2	6	17 5	6	38 4	6	67 9	6	97 4		
8	13 1	8	1 5	8	17 9	8	38 9	8	68 6	8	98 0		
49	12 8	59	1 8	69	18 3	79	39 4	89	69 3	99	98 5		
2	12 5	2	2 1	2	18 6	2	39 9	2	69 9	2	99 0		
4	12 2	4	2 4	4	19 0	4	40 4	4	70 6	4	99 6		
6	11 9	6	2 7	6	19 4	6	40 9	6	71 3	6	100 0		
8	11 6	8	3 0	8	19 8	8	41 4	8	71 9	8			
50	11 3	60	3 3	70	20 2	80	41 9	90	72 5	100			

GLASS HYDROMETER

A

Temperature 66° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	72 2	0	65 6	10	57 1	20	47 5	30	36 2		
12		2	72 1	2	65 4	2	57 0	2	47 3	2	36 0		
4		4	72 0	4	65 3	4	56 8	4	47 1	4	35 8		
6		6	71 8	6	65 1	6	56 6	6	46 9	6	35 6		
8		8	71 7	8	64 9	8	56 4	8	46 7	8	35 4		
1		9	71 6	1	64 8	9	56 3	9	46 5	9	35 1		
12		11	71 5	11	64 7	11	56 1	11	46 3	11	34 9		
4		2	71 3	2	64 5	2	55 9	2	46 1	2	34 7		
6		4	71 2	4	64 3	4	55 7	4	45 9	4	34 4		
8		6	71 1	6	64 2	6	55 5	6	45 7	6	34 2		
12		8	70 9	8	64 1	8	55 3	8	45 4	8	34 0		
2		12	70 8	12	63 9	12	55 1	12	45 2	12	33 8		
4		2	70 7	2	63 7	2	54 9	2	45 0	2	33 5		
6		4	70 5	4	63 6	4	54 7	4	44 8	4	33 3		
8		6	70 4	6	63 4	6	54 5	6	44 6	6	33 1		
3		8	70 3	8	63 3	8	54 3	8	44 4	8	32 9		
12		13	70 1	13	63 1	13	54 2	13	44 1	13	32 6		
4		2	70 0	2	62 9	2	54 0	2	43 9	2	32 4		
6		4	69 9	4	62 7	4	53 8	4	43 6	4	32 1		
8		6	69 7	6	62 5	6	53 6	6	43 4	6	31 9		
4		8	69 6	8	62 4	8	53 5	8	43 2	8	31 7		
2		14	69 5	14	62 2	14	53 3	14	43 0	14	31 4		
4		2	69 3	2	62 0	2	53 1	2	42 9	2	31 2		
6		4	69 2	4	61 9	4	52 9	4	42 7	4	31 0		
8		6	69 1	6	61 7	6	52 7	6	42 5	6	30 8		
5		9	69 0	9	61 5	9	52 5	9	42 2	9	30 5		
2		15	68 8	15	61 3	15	52 3	15	42 0	15	30 3		
4	75 2	2	68 7	2	61 2	2	52 2	2	41 7	2	30 0		
6	75 1	4	68 6	4	61 0	4	52 1	4	41 5	4	29 8		
8	75 0	6	68 4	6	60 8	6	51 9	6	41 2	6	29 5		
6	74 9	8	68 3	8	60 7	8	51 7	8	41 0	8	29 3		
2	74 7	10	68 2	10	60 5	10	51 5	10	40 7	10	29 0		
4	74 6	2	68 1	2	60 3	2	51 3	2	40 5	2	28 8		
6	74 4	4	67 9	4	60 1	4	51 1	4	40 3	4	28 5		
8	74 3	6	67 8	6	59 9	6	50 9	6	40 1	6	28 3		
7	74 2	8	67 7	8	59 8	8	50 7	8	39 9	8	28 1		
2	74 0	17	67 5	17	59 7	17	50 5	17	39 7	17	27 9		
4	73 9	2	67 4	2	59 5	2	50 3	2	39 5	2	27 7		
6	73 8	4	67 3	4	59 3	4	50 1	4	39 2	4	27 4		
8	73 6	6	67 1	6	59 1	6	49 9	6	39 0	6	27 2		
8	73 5	8	67 0	8	58 9	8	49 7	8	38 8	8	26 9		
2	73 4	18	66 9	18	58 7	18	49 5	18	38 5	18	26 6		
1	73 3	2	66 7	2	58 5	2	49 3	2	38 2	2	26 4		
6	73 1	4	66 6	4	58 4	4	49 1	4	38 0	4	26 2		
8	73 0	6	66 4	6	58 2	6	48 9	6	37 8	6	25 9		
9	72 9	8	66 2	8	58 1	8	48 7	8	37 6	8	25 7		
2	72 7	19	66 1	19	58 0	19	48 5	19	37 3	19	25 4		
4	72 6	2	66 0	2	57 9	2	48 3	2	37 1	2	25 2		
6	72 5	4	65 9	4	57 7	4	48 1	4	36 9	4	24 9		
8	72 4	6	65 7	6	57 5	6	47 9	6	36 7	6	24 7		
10	72 2	8	65 6	8	57 3	8	47 7	8	36 4	8	24 4		
		20		20	57 1	20	47 5	20	36 2	20			

GLASS HYDROMETER.

Temperature 66° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	21 4	50	11 1	60	3 6	70	20 6	80	42 4	90	72 7	100	72 7		
12	21 4	12	10 8	12	4 0	12	21 0	12	42 0	22	73 3	22	73 3		
4	21 4	4	10 5	4	4 4	4	21 4	4	43 4	44	73 9	44	73 9		
8	21 4	8	10 2	8	4 6	8	21 8	8	43 0	88	74 6	88	74 6		
41	21 3	51	9 9	61	4 9	71	21 2	81	44 4	91	75 2	91	75 2		
12	21 3	12	9 3	12	5 5	12	21 0	12	45 5	22	75 9	22	75 9		
4	21 3	4	9 0	4	5 8	4	21 4	4	46 0	44	76 5	44	76 5		
8	21 3	8	8 7	8	6 1	8	21 8	8	46 6	88	77 1	88	77 1		
42	21 0	52	8 4	62	6 4	72	21 6	82	47 2	92	77 7	92	77 7		
12	21 0	12	7 8	12	7 1	12	21 0	12	47 7	22	78 3	22	78 3		
4	21 0	4	7 5	4	7 4	4	21 4	4	48 0	44	78 9	44	78 9		
8	21 0	8	7 2	8	7 7	8	21 8	8	49 3	88	79 5	88	79 5		
43	20 7	53	6 6	63	8 3	73	20 6	83	49 9	93	80 1	93	80 1		
12	20 5	12	6 3	12	8 6	12	20 9	12	50 5	22	80 8	22	80 8		
4	20 5	4	6 0	4	8 9	4	21 2	4	51 1	44	81 4	44	81 4		
8	20 5	8	5 7	8	9 2	8	21 6	8	51 7	88	82 0	88	82 0		
44	19 7	54	5 4	64	9 6	74	21 0	84	52 2	94	82 6	94	82 6		
12	19 5	12	5 1	12	10 0	12	21 4	12	52 8	22	83 2	22	83 2		
4	19 5	4	4 9	4	10 3	4	21 8	4	53 4	44	83 8	44	83 8		
8	19 5	8	4 6	8	10 6	8	22 0	8	54 0	88	84 4	88	84 4		
45	18 7	55	4 3	65	10 9	75	22 4	85	54 6	95	85 0	95	85 0		
12	18 5	12	4 0	12	11 2	12	22 8	12	55 2	22	85 6	22	85 6		
4	18 5	4	3 7	4	11 6	4	23 0	4	55 8	44	86 2	44	86 2		
8	18 5	8	3 4	8	11 9	8	30 0	8	56 4	88	86 8	88	86 8		
46	17 7	56	3 2	66	12 3	76	30 5	86	56 9	96	87 3	96	87 3		
12	17 4	12	2 9	12	12 6	12	31 0	12	57 4	22	87 9	22	87 9		
4	17 4	4	2 7	4	12 9	4	31 4	4	57 7	44	88 4	44	88 4		
8	17 4	8	2 4	8	13 2	8	31 8	8	58 3	88	89 0	88	89 0		
47	16 7	57	2 1	67	13 6	77	32 3	87	58 9	97	89 6	97	89 6		
12	16 4	12	1 8	12	14 4	12	32 8	12	59 0	22	90 2	22	90 2		
4	16 4	4	1 5	4	14 8	4	33 2	4	59 6	44	90 8	44	90 8		
8	16 4	8	1 2	8	15 1	8	33 7	8	60 2	88	91 4	88	91 4		
48	15 7	58	0 9	68	15 5	78	34 2	88	60 9	98	91 9	98	91 9		
12	15 4	12	0 6	12	15 8	12	34 6	12	61 6	22	92 4	22	92 4		
4	15 4	4	0 3	4	16 1	4	35 1	4	62 3	44	93 0	44	93 0		
8	15 4	8	0 3	8	16 5	8	35 6	8	62 9	88	93 5	88	93 5		
49	14 3	59	0 3	69	16 9	79	36 0	89	63 6	99	94 0	99	94 0		
12	14 0	12	0 0	12	17 3	12	36 4	12	64 3	22	94 6	22	94 6		
4	14 0	4	0 0	4	17 6	4	36 9	4	64 9	44	95 0	44	95 0		
8	14 0	8	0 0	8	17 9	8	37 4	8	65 6	88	95 6	88	95 6		
50	13 7	60	0 0	70	18 3	80	37 9	90	66 2	100	96 0	100	96 0		
12	13 4	12	0 0	12	18 7	12	38 4	12	66 9						
4	13 4	4	0 0	4	19 1	4	38 8	4	67 5						
8	13 4	8	0 0	8	19 5	8	39 3	8	68 1						
51	12 9	61	0 0	71	19 9	81	39 8	91	68 8						
12	12 6	12	0 0	12	20 2	12	40 3	12	69 5						
4	12 3	4	0 0	4	20 6	4	40 8	4	70 1						
8	12 3	8	0 0	8	20 8	8	41 3	8	70 8						
52	11 7	62	0 0	72	20 8	82	41 8	92	71 5						
12	11 4	12	0 0	12	20 8	12	42 4	12	72 1						
4	11 4	4	0 0	4	20 8	4	42 4	4	72 7						
8	11 4	8	0 0	8	20 8	8	42 4	8	72 7						

GLASS HYDROMETER.

A Temperature 67° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	72 0	0	65 3	10	56 9	20	47 3	30	35 9		
2		2	71 9	2	65 2	2	56 7	2	47 1	2	35 7		
4		4	71 8	4	65 0	4	56 5	4	46 9	4	35 5		
6		6	71 6	6	64 9	6	56 3	6	46 7	6	35 3		
8		8	71 5	8	64 7	8	56 1	8	46 5	8	35 1		
1		11	71 4	1	64 6	11	55 9	21	46 3	31	34 8		
2		2	71 3	2	64 4	2	55 8	2	46 0	2	34 6		
4		4	71 1	4	64 3	4	55 6	4	45 8	4	34 4		
6		6	71 0	6	64 1	6	55 4	6	45 6	6	34 1		
8		8	70 9	8	64 0	8	55 2	8	45 4	8	33 9		
12		12	70 7	12	63 8	12	55 0	12	45 1	12	33 7		
2		2	70 6	2	63 7	2	54 8	2	44 9	2	33 5		
4		4	70 5	4	63 5	4	54 7	4	44 7	4	33 2		
6		6	70 3	6	63 3	6	54 5	6	44 5	6	33 0		
8		8	70 2	8	63 2	8	54 3	8	44 3	8	32 7		
3		13	70 1	3	63 0	13	54 1	23	44 1	33	32 5		
2		2	69 9	2	62 9	2	53 9	2	43 9	2	32 3		
4		4	69 8	4	62 7	4	53 7	4	43 6	4	32 1		
6		6	69 7	6	62 5	6	53 5	6	43 3	6	31 8		
8		8	69 5	8	62 3	8	53 3	8	43 1	8	31 6		
4		14	69 4	4	62 1	14	53 2	24	42 8	34	31 4		
2		2	69 3	2	62 0	2	53 0	2	42 6	2	31 1		
4		4	69 1	4	61 8	4	52 8	4	42 3	4	30 9		
6		6	69 0	6	61 6	6	52 7	6	42 1	6	30 7		
8		8	68 9	8	61 4	8	52 5	8	41 9	8	30 5		
5	75 2	15	68 8	5	61 3	15	52 3	25	41 6	35	30 2		
2	75 1	2	68 0	2	61 1	2	52 1	2	41 4	2	29 9		
4	75 6	4	68 5	4	60 9	4	51 9	4	41 2	4	29 7		
6	74 9	6	68 4	6	60 7	6	51 7	6	40 9	6	29 4		
8	71 8	8	68 2	8	60 8	8	51 5	8	40 7	8	29 2		
6	74 7	18	68 1	6	60 4	16	51 3	26	40 4	36	28 9		
2	74 5	2	68 0	2	60 3	2	51 1	2	40 2	2	28 7		
4	74 4	4	67 9	4	60 1	4	50 9	4	40 0	4	28 5		
6	74 2	6	67 7	6	59 9	6	50 7	6	39 8	6	28 2		
8	74 1	8	67 6	8	59 7	8	50 5	8	39 6	8	28 0		
7	74 0	17	67 5	7	59 5	17	50 3	27	39 4	37	27 7		
2	73 8	2	67 3	2	59 4	2	50 1	2	39 2	2	27 5		
4	73 7	4	67 2	4	59 2	4	49 9	4	38 9	4	27 3		
6	73 6	6	67 1	6	59 0	6	49 7	6	38 6	6	27 0		
8	73 4	8	66 9	8	58 8	8	49 5	8	38 4	8	26 8		
8	73 3	18	66 8	8	58 7	18	49 3	28	38 2	38	26 6		
2	73 2	2	66 7	2	58 5	2	49 1	2	37 9	2	26 3		
4	73 1	4	66 5	4	58 3	4	48 9	4	37 7	4	26 1		
6	72 9	6	66 4	6	58 1	6	48 7	6	37 5	6	25 9		
8	72 8	8	66 2	8	57 9	8	48 5	8	37 3	8	25 6		
9	72 7	19	66 1	9	57 8	19	48 3	29	37 0	39	25 4		
2	72 5	2	65 9	2	57 6	2	48 1	2	36 8	2	25 2		
4	72 4	4	65 8	4	57 4	4	47 9	4	36 6	4	24 9		
6	72 3	6	65 7	6	57 3	6	47 7	6	36 4	6	24 6		
8	72 2	8	65 5	8	57 1	8	47 5	8	36 1	8	24 4		
10	72 0	20	65 3	10	56 9	20	47 3	30	35 9	40	24 1		

GLASS HYDROMETER

Temperature 67° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	21 1	50	10 7	60	4 0	70	21 0	80	42 8	90	72 9				
2	23 8	2	10 4	2	4 3	2	21 3	2	43 3	2	73 5				
4	23 6	4	10 1	4	4 6	4	21 7	4	43 6	4	74 1				
6	23 3	6	9 8	6	4 9	6	22 1	6	44 3	6	74 8				
8	23 1	8	9 6	8	5 2	8	22 5	8	44 8	8	75 4				
41	23 8	51	9 3	61	5 5	71	23 8	81	45 4	91	76 1				
12	23 5	12	9 0	12	5 8	12	23 2	12	45 9	12	76 7				
4	23 3	4	8 7	4	6 1	4	23 6	4	46 4	4	77 3				
6	23 0	6	8 4	6	6 4	6	24 0	6	47 0	6	77 9				
8	21 7	8	8 1	8	6 7	8	24 4	8	47 5	8	78 4				
42	21 5	52	7 8	62	7 0	72	24 8	82	48 1	92	79 0				
2	21 2	2	7 5	2	7 3	2	25 2	2	49 0	2	79 6				
4	20 0	4	7 2	4	7 7	4	25 6	4	49 1	4	80 2				
6	20 0	6	6 9	6	8 0	6	26 0	6	49 7	6	80 9				
8	20 4	8	6 6	8	8 3	8	26 4	8	50 2	8	81 5				
43	20 1	53	6 3	63	8 6	73	26 8	83	50 8	93	82 1				
2	19 9	2	6 0	2	9 0	2	27 2	2	51 4	2	82 7				
4	19 0	4	5 7	4	9 3	4	27 6	4	51 0	4	83 3				
6	19 3	6	5 4	6	9 6	6	28 0	6	52 5	6	83 9				
8	19 1	8	5 1	8	9 9	8	28 4	8	53 1	8	84 5				
44	19 8	54	4 8	64	10 2	74	28 8	84	53 7	94	85 1				
2	18 6	2	4 5	2	10 5	2	29 2	2	54 3	2	85 7				
4	18 3	4	4 2	4	10 8	4	29 6	4	54 0	4	86 3				
6	18 1	6	4 0	6	11 2	6	30 0	6	55 5	6	86 9				
8	17 8	8	3 7	8	11 5	8	30 4	8	56 1	8	87 4				
45	17 6	55	3 4	65	11 9	75	30 8	85	56 7	95	88 0				
2	17 3	2	3 1	2	12 2	2	31 3	2	57 4	2	88 5				
4	17 1	4	2 9	4	12 5	4	31 8	4	58 0	4	89 1				
6	16 8	6	2 6	6	12 9	6	32 2	6	58 6	6	89 7				
8	16 5	8	2 3	8	13 2	8	32 6	8	59 3	8	90 3				
46	16 3	56	2 0	66	13 6	76	33 1	86	59 9	96	90 9				
2	16 0	2	1 7	2	13 9	2	33 6	2	60 5	2	91 5				
4	15 8	4	1 4	4	14 3	4	34 1	4	61 2	4	92 0				
6	15 5	6	1 1	6	14 7	6	34 6	6	61 8	6	92 5				
8	15 3	8	0 8	8	15 1	8	35 0	8	62 5	8	93 0				
47	15 0	57	0 5	67	15 4	77	35 4	87	63 2	97	93 6				
2	14 7	2	0 2	2	15 8	2	35 9	2	63 8	2	94 1				
4	14 4	4	0 1	4	16 2	4	36 3	4	64 5	4	94 6				
6	14 2	6	0 4	6	16 5	6	36 8	6	65 1	6	95 1				
8	13 9	8	0 7	8	16 9	8	37 3	8	65 8	8	95 6				
48	13 6	58	1 0	68	17 3	78	37 8	88	66 4	98	96 1				
2	13 3	2	1 3	2	17 6	2	38 3	2	67 1	2	96 6				
4	13 0	4	1 6	4	18 0	4	38 8	4	67 7	4	97 1				
6	12 8	6	1 9	6	18 3	6	39 2	6	68 3	6	97 6				
8	12 5	8	2 2	8	18 7	8	39 7	8	69 0	8	98 2				
49	12 2	59	2 5	69	19 0	79	40 2	89	69 7	99	98 7				
2	11 9	2	2 8	2	19 4	2	40 7	2	70 3	2	99 2				
4	11 6	4	3 1	4	19 8	4	41 2	4	71 0	4	99 7				
6	11 3	6	3 4	6	20 2	6	41 8	6	71 7	6					
8	11 0	8	3 7	8	20 6	8	42 3	8	72 3	8					
50	10 7	60	4 0	70	21 0	80	42 8	90	72 9	100					

A Temperature 68° F.

60

Temperature 68° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	23 7	50	10 4	60	4 3	70	21 4	80	43 2	90	73 2		
2	23 5	2	10 1	2	4 6	2	21 8	2	43 7	2	73 8		
4	23 2	4	9 8	4	4 9	4	22 2	4	44 1	4	74 4		
6	22 9	6	9 5	6	5 2	6	22 6	6	44 7	6	75 1		
8	22 7	8	9 2	8	5 5	8	23 0	8	45 2	8	75 7		
41	22 4	51	8 9	61	5 8	71	23 4	81	45 7	91	76 3		
2	22 1	2	8 6	2	6 1	2	23 8	2	46 2	2	76 9		
4	21 8	4	8 3	4	6 4	4	24 2	4	46 8	4	77 5		
6	21 6	6	8 0	6	6 7	6	24 6	6	47 3	6	78 1		
8	21 3	8	7 7	8	7 1	8	25 0	8	47 9	8	78 7		
42	21 0	52	7 4	62	7 4	72	25 4	82	48 4	92	79 3		
2	20 7	2	7 1	2	7 7	2	25 8	2	49 0	2	79 9		
4	20 5	4	6 9	4	8 0	4	26 1	4	49 6	4	80 5		
6	20 3	6	6 6	6	8 3	6	26 5	6	50 1	6	81 1		
8	20 0	8	6 3	8	8 7	8	26 9	8	50 7	8	81 7		
43	19 8	53	0 0	63	9 0	73	27 2	83	51 2	93	82 3		
2	19 6	2	5 7	2	9 3	2	27 6	2	51 8	2	82 9		
4	19 3	4	5 4	4	9 6	4	27 9	4	52 4	4	83 5		
6	19 1	6	5 1	6	9 9	6	28 3	6	53 0	6	84 1		
8	18 8	8	4 8	8	10 3	8	28 7	8	53 6	8	84 6		
44	18 5	54	4 5	64	10 6	74	29 1	84	54 2	94	85 2		
2	18 2	2	4 2	2	10 9	2	29 6	2	54 8	2	85 8		
4	18 0	4	3 9	4	11 3	4	30 0	4	55 4	4	86 4		
6	17 7	6	3 7	6	11 6	6	30 4	6	56 0	6	87 0		
8	17 5	8	3 4	8	11 9	8	30 8	8	56 8	8	87 6		
45	17 2	55	3 1	65	12 3	75	31 3	85	57 2	95	88 1		
2	17 0	2	2 8	2	12 6	2	31 7	2	57 8	2	88 6		
4	16 7	4	2 5	4	12 9	4	32 1	4	58 4	4	89 2		
6	16 4	6	2 2	6	13 2	6	32 5	6	59 0	6	89 8		
8	16 2	8	2 0	8	13 6	8	33 0	8	59 6	8	90 4		
46	15 9	56	1 7	66	13 9	76	33 5	86	60 3	96	91 0		
2	15 6	2	1 4	2	14 3	2	33 9	2	60 9	2	91 6		
4	15 4	4	1 1	4	14 7	4	34 4	4	61 5	4	92 1		
6	15 1	6	0 8	6	15 1	6	34 9	6	62 2	6	92 6		
8	14 9	8	0 5	8	15 5	8	35 3	8	62 8	8	93 1		
47	14 6	57	0 2	67	15 8	77	35 7	87	63 5	97	93 7		
2	14 4	2	0 1	2	16 2	2	36 2	2	64 1	2	94 2		
4	14 1	4	0 4	4	16 6	4	36 7	4	64 8	4	94 7		
6	13 8	6	0 7	6	16 9	6	37 2	6	65 4	6	95 2		
8	13 6	8	1 0	8	17 3	8	37 7	8	66 1	8	95 7		
48	13 3	58	1 3	68	17 6	78	38 2	88	66 7	98	96 2		
2	13 0	2	1 6	2	18 0	2	38 7	2	67 3	2	96 7		
4	12 7	4	1 9	4	18 4	4	39 2	4	68 0	4	97 2		
6	12 4	6	2 2	6	18 7	6	39 6	6	68 6	6	97 7		
8	12 2	8	2 5	8	19 1	8	40 1	8	69 3	8	98 3		
49	11 9	59	2 8	69	19 5	79	40 6	89	70 0	99	98 8		
2	11 6	2	3 1	2	19 9	2	41 1	2	70 6	2	99 3		
4	11 3	4	3 4	4	20 3	4	41 6	4	71 3	4	99 8		
6	11 0	6	3 7	6	20 6	6	42 2	6	72 0	6			
8	10 7	8	4 0	8	21 0	8	42 7	8	72 6	8			
50	10 4	60	4 3	70	21 4	80	43 2	90	73 2	100			

GLASS HYDROMETER.

A

Temperature 69° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	71 6	0	65 0	10	58 4	20	46 7	30	35 3				
10		11	71 5	10	61 8	11	58 12	21	46 5	31	35 1				
20		12	71 4	20	61 6	20	58 0	22	46 3	32	34 9				
30		13	71 2	30	61 5	30	55 8	23	46 1	33	34 7				
40		14	71 1	40	61 3	40	55 6	24	45 8	34	34 5				
50		15	71 0	50	61 1	50	55 5	25	45 6	35	34 2				
60		16	70 9	60	61 0	60	55 3	26	45 4	36	33 9				
70		17	70 7	70	63 9	70	55 1	27	45 2	37	33 7				
80		18	70 6	80	63 7	80	54 9	28	45 0	38	33 5				
90		19	70 5	90	63 5	90	54 7	29	44 8	39	33 3				
100		20	70 3	100	63 4	100	54 5	30	44 5	40	33 0				
110		21	70 2	110	63 2	110	54 3	31	44 3	41	32 9				
120		22	70 1	120	63 0	120	54 1	32	44 1	42	32 6				
130		23	69 9	130	62 9	130	53 9	33	43 9	43	32 4				
140		24	69 8	140	62 7	140	53 8	34	43 6	44	32 1				
150		25	69 7	150	62 5	150	53 6	35	43 4	45	31 9				
160		26	69 5	160	62 1	160	53 4	36	43 1	46	31 7				
170		27	69 4	170	62 2	170	53 2	37	42 9	47	31 5				
180		28	69 3	180	62 0	180	53 1	38	42 7	48	31 2				
190		29	69 1	190	61 8	190	52 9	39	42 4	49	31 0				
200		30	69 0	200	61 6	200	52 7	40	42 2	50	30 8				
210	75 2	31	68 9	210	61 5	210	52 5	41	42 0	51	30 5				
220	75 1	32	68 7	220	61 3	220	52 3	42	41 7	52	30 3				
230	75 0	33	68 6	230	61 1	230	52 1	43	41 5	53	30 0				
240	74 8	34	68 5	240	60 9	240	51 9	44	41 2	54	29 8				
250	74 7	35	68 4	250	60 7	250	51 7	45	41 0	55	29 5				
260	74 6	36	68 2	260	60 6	260	51 5	46	40 7	56	29 2				
270	74 5	37	68 1	270	60 1	270	51 3	47	40 5	57	29 0				
280	74 5	38	68 0	280	60 2	280	51 1	48	40 3	58	28 8				
290	74 3	39	67 9	290	60 1	290	50 9	49	40 1	59	28 6				
300	74 2	40	67 7	300	59 9	300	50 7	50	39 9	60	28 3				
310	74 1	41	67 6	310	59 7	310	50 5	51	39 7	61	28 0				
320	74 0	42	67 5	320	59 5	320	50 3	52	39 4	62	27 8				
330	73 9	43	67 3	330	59 4	330	50 1	53	39 2	63	27 6				
340	73 7	44	67 2	340	59 2	340	49 9	54	39 0	64	27 4				
350	73 6	45	67 1	350	59 1	350	49 7	55	38 7	65	27 1				
360	73 4	46	66 9	360	58 9	360	49 5	56	38 5	66	26 8				
370	73 3	47	66 8	370	58 7	370	49 3	57	38 3	67	26 6				
380	73 2	48	66 7	380	58 5	380	49 1	58	38 0	68	26 3				
390	73 0	49	66 5	390	58 3	390	48 9	59	37 8	69	26 1				
400	72 9	50	66 4	400	58 1	400	48 7	60	37 6	70	25 8				
410	72 8	51	66 2	410	58 0	410	48 5	61	37 3	71	25 6				
420	72 7	52	66 1	420	57 8	420	48 3	62	37 1	72	25 3				
430	72 5	53	66 0	430	57 7	430	48 1	63	36 9	73	25 1				
440	72 4	54	65 8	440	57 5	440	47 9	64	36 7	74	24 8				
450	72 3	55	65 7	450	57 3	450	47 7	65	36 4	75	24 6				
460	72 2	56	65 5	460	57 1	460	47 5	66	36 2	76	24 3				
470	72 0	57	65 4	470	56 9	470	47 3	67	36 0	77	24 1				
480	71 9	58	65 3	480	56 7	480	47 1	68	35 8	78	23 8				
490	71 8	59	65 1	490	56 5	490	46 9	69	35 5	79	23 6				
500	71 6	60	65 0	500	56 4	500	46 7	70	35 3	80	23 3				

GLASS HYDROMETER.

Temperature 69° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	233 3	50	10 0	60	4 6	76	21 9	80	43 6	90	73 5				
42	233 1	2	9 7	2	4 9	2	22 2	2	44 1	2	74 1				
44	232 8	4	9 4	4	5 12	4	22 6	4	44 6	4	74 7				
46	232 5	6	9 1	6	5 5	6	23 6	6	45 1	6	75 4				
48	232 3	8	8 8	8	5 8	8	23 4	8	45 6	8	76 0				
41	232 0	51	8 6	01	6 1	71	23 7	81	46 1	01	76 6				
43	231 7	2	8 3	2	6 4	2	24 1	2	46 6	2	77 2				
45	231 4	4	8 0	4	6 7	4	24 5	4	47 1	4	77 8				
47	231 2	6	7 7	6	7 0	6	24 9	6	47 7	6	78 4				
49	231 0	8	7 4	8	7 4	8	25 3	8	48 2	8	79 0				
42	230 7	52	7 1	62	7 7	72	25 6	82	48 8	02	79 6				
44	230 4	2	6 8	2	8 0	2	26 0	2	49 3	2	80 1				
46	230 2	4	6 6	4	8 3	4	26 4	4	49 9	4	80 7				
48	230 0	6	6 3	6	8 6	6	26 8	6	50 5	6	81 3				
40	230 7	8	6 0	8	9 0	8	27 1	8	51 0	8	81 9				
43	230 5	53	5 7	63	9 3	73	27 5	83	51 6	03	82 5				
45	230 2	2	5 4	2	9 6	2	27 9	2	52 2	2	83 1				
47	230 0	4	5 1	4	9 9	4	28 3	4	52 7	4	83 7				
49	229 7	6	4 8	6	10 2	6	28 7	6	53 3	6	84 3				
41	229 4	8	4 5	8	10 6	8	29 1	8	53 9	8	84 8				
44	229 1	54	4 2	64	10 9	74	29 5	84	54 5	04	85 4				
46	228 8	2	3 9	2	11 2	2	30 6	2	55 1	2	86 0				
48	228 5	4	3 6	4	11 5	4	30 4	4	55 7	4	86 5				
40	228 2	6	3 4	6	11 9	6	30 8	6	56 3	6	87 1				
43	227 9	8	3 1	8	12 2	8	31 2	8	56 9	8	87 6				
45	227 6	55	2 8	65	12 6	75	31 6	85	57 5	05	88 2				
47	227 3	2	2 5	2	12 9	2	32 0	2	58 1	2	88 7				
49	227 0	4	2 2	4	13 3	4	32 5	4	58 8	4	89 3				
41	226 7	6	1 9	6	13 6	6	32 9	6	59 4	6	89 9				
44	226 4	8	1 6	8	14 0	8	33 3	8	60 0	8	90 5				
46	226 1	56	1 3	66	14 4	76	33 8	86	60 7	06	91 1				
48	225 8	2	1 0	2	14 7	2	34 2	2	61 3	2	91 7				
40	225 5	4	0 7	4	15 1	4	34 7	4	61 9	4	92 2				
43	225 2	6	0 4	6	15 5	6	35 2	6	62 6	6	92 7				
45	224 9	8	0 1	8	15 9	8	35 7	8	63 2	8	93 2				
47	224 6	57	0 2	67	16 2	77	36 1	87	63 9	07	93 8				
49	224 3	2	0 5	2	16 6	2	36 6	2	64 5	2	94 3				
41	224 0	4	0 8	4	17 0	4	37 1	4	65 1	4	94 8				
44	223 7	6	1 0	6	17 4	6	37 6	6	65 7	6	95 3				
46	223 4	8	1 3	8	17 7	8	38 1	8	66 4	8	95 8				
48	223 1	58	1 6	68	18 1	78	38 5	88	67 0	08	96 3				
40	222 8	2	1 9	2	18 4	2	39 0	2	67 6	2	96 8				
43	222 5	4	2 2	4	18 8	4	39 5	4	68 3	4	97 3				
45	222 2	6	2 5	6	19 1	6	40 0	6	68 9	6	97 8				
47	221 9	8	2 8	8	19 5	8	40 5	8	69 6	8	98 4				
49	221 6	59	3 1	69	19 9	79	41 6	89	70 3	09	98 9				
41	221 3	2	3 4	2	20 3	2	41 5	2	70 9	2	99 4				
43	221 0	4	3 7	4	20 7	4	42 6	4	71 6	4	99 9				
45	220 7	6	4 0	6	21 1	6	42 6	6	72 3	6					
47	220 4	8	4 3	8	21 5	8	43 1	8	72 9	8					
49	220 1	60	4 6	70	21 9	80	43 6	90	73 5	100					

GLASS HYDROVETER.

A Temperature 71° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	71 3	0	64 4	10	55 8	20	46 1	30	34 7		
1		11	71 1	1	64 3	11	55 7	21	45 9	31	34 5		
2		12	70 9	2	64 0	12	55 5	22	45 7	32	34 3		
3		13	70 8	3	63 9	13	55 3	23	45 5	33	34 1		
4		14	70 7	4	63 7	14	55 1	24	45 2	34	33 8		
5		15	70 5	5	63 6	15	54 8	25	45 0	35	33 6		
6		16	70 4	6	63 4	16	54 6	26	44 8	36	33 4		
7		17	70 3	7	63 2	17	54 4	27	44 6	37	33 1		
8		18	70 1	8	63 1	18	54 2	28	44 4	38	32 9		
9		19	70 0	9	62 9	19	54 0	29	44 2	39	32 7		
10	75 2	20	69 9	10	62 7	20	53 8	30	43 0	40	32 4		
11	75 1		69 7	11	62 5		53 7		42 7		32 2		
12	75 0		69 6	12	62 4		53 5		42 5		32 0		
13	74 4		69 5	13	62 2		53 3		42 3		31 8		
14	74 7		69 3	14	62 0		53 1		42 0		31 5		
15	74 4		69 2	15	61 9		52 9		41 7		31 3		
16	74 6		69 1	16	61 7		52 7		41 5		31 1		
17	74 3		68 8	17	61 5		52 5		41 3		30 8		
18	74 2		68 7	18	61 3		52 3		41 0		30 6		
19	74 0		68 6	19	61 2		52 1		40 8		30 4		
20	73 9		68 4	20	61 0		51 9		40 6		30 1		
21	73 6		68 3	21	60 8		51 7		40 4		29 8		
22	73 3		68 2	22	60 6		51 5		40 2		29 6		
23	73 4		68 1	23	60 4		51 3		40 0		29 3		
24	73 1		67 9	24	60 3		51 1		39 8		29 1		
25	73 0		67 8	25	60 1		50 9		39 6		28 8		
26	72 9		67 7	26	59 9		50 7		39 4		28 6		
27	72 7		67 5	27	59 8		50 6		39 2		28 4		
28	72 6		67 4	28	59 6		50 4		39 0		28 1		
29	72 5		67 3	29	59 4		50 3		38 8		27 9		
30	72 4		67 1	30	59 2		50 1		38 6		27 7		
31	72 3		67 0	31	59 0		49 9		38 4		27 4		
32	72 2		66 9	32	58 8		49 7		38 2		27 2		
33	72 1		66 7	33	58 7		49 5		38 0		26 9		
34	72 0		66 6	34	58 6		49 3		37 8		26 7		
35	71 8		66 4	35	58 4		49 1		37 6		26 4		
36	71 7		66 3	36	58 2		48 9		37 4		26 2		
37	71 6		66 2	37	58 0		48 7		37 2		25 9		
38	71 5		66 1	38	57 8		48 5		37 0		25 7		
39	71 3		66 0	39	57 7		48 3		36 8		25 5		
40			65 9	40	57 5		48 1		36 6		25 2		
			65 7	41	57 3		47 9		36 4		25 0		
			65 6	42	57 1		47 7		36 2		24 7		
			65 4	43	57 0		47 5		36 0		24 4		
			65 3	44	56 8		47 3		35 8		24 2		
			65 1	45	56 6		47 1		35 6		23 9		
			64 9	46	56 4		46 9		35 4		23 6		
			64 8	47	56 2		46 7		35 2		23 4		
			64 6	48	56 0		46 5		35 0		23 1		
			64 4	49	55 9		46 3		34 8		22 9		
				50			46 1		34 6		22 6		

GLASS HYDROMETER.

Temperature 71° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	22 6	50	9 3	60	5 3	70	2 3	80	1 3	90	73 0		
2	22 3	2	9 0	2	5 6	2	2 2	2	1 2	2	74 5		
4	22 0	4	8 9	4	5 9	4	2 1	4	1 1	4	75 1		
6	21 8	6	8 8	6	6 2	6	2 0	6	1 0	6	75 8		
8	21 6	8	8 7	8	6 5	8	1 9	8	9 9	8	76 4		
41	21 3	51	7 9	61	6 8	71	2 1	81	1 8	91	77 0		
2	21 0	2	7 6	2	7 1	2	2 0	2	1 7	2	77 6		
4	20 8	4	7 3	4	7 4	4	1 9	4	1 6	4	78 1		
6	20 5	6	7 0	6	7 7	6	1 8	6	1 5	6	78 8		
8	20 3	8	6 7	8	8 1	8	1 7	8	1 4	8	79 4		
42	20 0	52	6 4	62	8 4	72	2 6	82	1 3	92	80 0		
2	19 8	2	6 1	2	8 7	2	2 5	2	1 2	2	80 5		
4	19 6	4	5 9	4	9 0	4	2 4	4	1 1	4	81 1		
6	19 3	6	5 6	6	9 3	6	2 3	6	1 0	6	81 7		
8	19 1	8	5 3	8	9 7	8	2 2	8	9 9	8	82 3		
43	18 8	53	5 0	63	10 0	73	2 8	83	1 0	93	82 9		
2	18 5	2	4 7	2	10 3	2	2 7	2	9 9	2	83 5		
4	18 3	4	4 4	4	10 6	4	2 6	4	9 8	4	84 1		
6	18 0	6	4 1	6	10 9	6	2 5	6	9 7	6	84 7		
8	17 7	8	3 9	8	11 3	8	2 4	8	9 6	8	85 2		
44	17 5	54	3 6	64	11 6	74	3 0	84	1 1	94	85 8		
2	17 2	2	3 3	2	12 0	2	2 9	2	1 0	2	86 4		
4	16 9	4	3 0	4	12 3	4	2 8	4	9 9	4	86 9		
6	16 7	6	2 7	6	12 7	6	2 7	6	9 8	6	87 5		
8	16 4	8	2 4	8	13 0	8	2 6	8	9 7	8	88 0		
45	16 1	55	2 1	65	13 4	75	3 2	85	1 2	95	88 6		
2	15 8	2	1 8	2	13 7	2	3 1	2	1 1	2	89 1		
4	15 6	4	1 6	4	14 1	4	3 0	4	1 0	4	89 7		
6	15 3	6	1 3	6	14 4	6	2 9	6	9 9	6	90 2		
8	15 1	8	1 0	8	14 8	8	2 8	8	9 8	8	90 8		
46	14 8	56	0 7	66	15 2	76	3 4	86	1 3	96	91 3		
2	14 5	2	0 4	2	15 5	2	3 3	2	1 2	2	91 9		
4	14 3	4	0 1	4	15 9	4	3 2	4	1 1	4	92 4		
6	14 0	6	0 2	6	16 3	6	3 1	6	1 0	6	93 0		
8	13 8	8	0 5	8	16 6	8	3 0	8	9 9	8	93 5		
47	13 5	57	0 8	67	17 0	77	3 7	87	1 4	97	94 0		
2	13 3	2	1 1	2	17 4	2	3 6	2	1 3	2	94 5		
4	13 0	4	1 4	4	17 7	4	3 5	4	1 2	4	95 1		
6	12 7	6	1 7	6	18 1	6	3 4	6	1 1	6	95 6		
8	12 5	8	2 0	8	18 4	8	3 3	8	1 0	8	96 1		
48	12 2	58	2 3	68	18 8	78	3 9	88	1 5	98	96 6		
2	11 9	2	2 6	2	19 2	2	3 8	2	1 4	2	97 1		
4	11 6	4	2 9	4	19 6	4	3 7	4	1 3	4	97 6		
6	11 3	6	3 2	6	19 9	6	3 6	6	1 2	6	98 2		
8	11 0	8	3 5	8	20 3	8	3 5	8	1 1	8	98 7		
49	10 7	59	3 8	69	20 7	79	4 1	89	1 6	99	99 2		
2	10 4	2	4 1	2	21 0	2	4 0	2	1 5	2	99 7		
4	10 2	4	4 4	4	21 4	4	3 9	4	1 4	4			
6	9 9	6	4 7	6	21 8	6	3 8	6	1 3	6			
8	9 6	8	5 0	8	22 2	8	3 7	8	1 2	8			
50	9 3	60	5 2	70	22 6	80	4 2	90	1 7	100			

GLASS HYDROMETER.

A Temperature 72° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	71 1	0	64 3	10	53 6	20	45 8	30	34 4
1		11	71 0	1	64 1	11	53 4	21	45 6	31	34 2
2		12	70 9	2	64 0	12	53 2	22	45 4	32	34 0
3		13	70 7	3	63 8	13	53 1	23	45 2	33	33 8
4		14	70 6	4	63 7	14	53 0	24	44 9	34	33 5
5		15	70 5	5	63 5	15	52 7	25	44 7	35	33 3
6		16	70 3	6	63 3	16	52 5	26	44 5	36	33 0
7		17	70 2	7	63 2	17	52 4	27	44 3	37	32 8
8		18	70 1	8	63 0	18	52 3	28	44 1	38	32 6
9		19	69 9	9	62 8	19	52 1	29	43 9	39	32 4
10		20	69 8	10	62 7	20	51 9	30	43 6	40	32 1
11		21	69 7	11	62 5	31	51 7	31	43 4		
12		22	69 5	12	62 3	32	51 5	32	43 1		
13		23	69 4	13	62 1	33	51 3	33	42 9		
14		24	69 3	14	62 0	34	51 1	34	42 6		
15		25	69 1	15	61 8	35	50 9	35	42 4		
16		26	69 0	16	61 6	36	50 7	36	42 1		
17		27	68 9	17	61 4	37	50 5	37	41 9		
18		28	68 8	18	61 2	38	50 3	38	41 6		
19		29	68 6	19	61 0	39	50 1	39	41 4		
20		30	68 5	20	60 9	40	49 9	40	41 2		
21		31	68 4	21	60 7	41	49 7	41	41 0		
22		32	68 2	22	60 5	42	49 5	42	40 7		
23		33	68 1	23	60 4	43	49 3	43	40 5		
24		34	68 0	24	60 2	44	49 1	44	40 3		
25		35	67 9	25	60 0	45	48 9	45	40 1		
26		36	67 7	26	59 8	46	48 7	46	39 8		
27		37	67 6	27	59 7	47	48 5	47	39 6		
28		38	67 5	28	59 5	48	48 3	48	39 4		
29		39	67 3	29	59 3	49	48 1	49	39 2		
30		40	67 2	30	59 2	50	47 9	50	39 0		
31		41	67 1	31	59 0	51	47 7	51	38 7		
32		42	66 9	32	58 8	52	47 5	52	38 5		
33		43	66 8	33	58 6	53	47 3	53	38 3		
34		44	66 7	34	58 5	54	47 1	54	38 1		
35		45	66 6	35	58 3	55	46 9	55	37 8		
36		46	66 5	36	58 1	56	46 7	56	37 6		
37		47	66 4	37	58 0	57	46 5	57	37 4		
38		48	66 2	38	57 8	58	46 3	58	37 2		
39		49	66 1	39	57 6	59	46 1	59	37 0		
40		50	66 0	40	57 4	60	45 9	60	36 7		
41		51	65 8	41	57 2	61	45 7	61	36 5		
42		52	65 6	42	57 1	62	45 5	62	36 3		
43		53	65 5	43	56 9	63	45 3	63	36 1		
44		54	65 4	44	56 7	64	45 1	64	35 8		
45		55	65 2	45	56 5	65	44 9	65	35 6		
46		56	65 0	46	56 3	66	44 7	66	35 3		
47		57	64 9	47	56 1	67	44 5	67	35 1		
48		58	64 7	48	55 9	68	44 3	68	34 9		
49		59	64 6	49	55 8	69	44 1	69	34 7		
50		60	64 4	50	55 6	70	43 9	70	34 4		
51		61	64 3	51	55 5	71	43 7	71	34 2		
52		62	64 2	52	55 4	72	43 5	72	34 0		
53		63	64 1	53	55 3	73	43 3	73	33 8		
54		64	64 0	54	55 2	74	43 1	74	33 5		
55		65	63 8	55	55 1	75	42 9	75	33 3		
56		66	63 7	56	55 0	76	42 7	76	33 0		
57		67	63 6	57	54 9	77	42 5	77	32 8		
58		68	63 5	58	54 8	78	42 3	78	32 6		
59		69	63 4	59	54 7	79	42 1	79	32 4		
60		70	63 3	60	54 6	80	41 9	80	32 1		
61		71	63 2	61	54 5	81	41 7	81	31 9		
62		72	63 1	62	54 4	82	41 5	82	31 7		
63		73	63 0	63	54 3	83	41 3	83	31 5		
64		74	62 8	64	54 2	84	41 1	84	31 2		
65		75	62 7	65	54 1	85	40 9	85	31 0		
66		76	62 6	66	54 0	86	40 7	86	30 8		
67		77	62 5	67	53 9	87	40 5	87	30 5		
68		78	62 4	68	53 8	88	40 3	88	30 3		
69		79	62 3	69	53 7	89	40 1	89	30 1		
70		80	62 2	70	53 6	90	39 8	90	29 8		
71		81	62 1	71	53 5	91	39 6	91	29 5		
72		82	62 0	72	53 4	92	39 4	92	29 3		
73		83	61 8	73	53 3	93	39 2	93	29 0		
74		84	61 6	74	53 2	94	39 0	94	28 8		
75		85	61 4	75	53 1	95	38 7	95	28 5		
76		86	61 2	76	53 0	96	38 5	96	28 3		
77		87	61 0	77	52 8	97	38 3	97	28 1		
78		88	60 9	78	52 7	98	38 1	98	27 9		
79		89	60 7	79	52 5	99	37 9	99	27 7		
80		90	60 5	80	52 4	100	37 6	100	27 5		
81		91	60 4	81	52 3		37 4		27 4		
82		92	60 2	82	52 1		37 2		27 2		
83		93	60 1	83	52 0		36 9		27 0		
84		94	60 0	84	51 8		36 7		26 8		
85		95	59 9	85	51 6		36 5		26 6		
86		96	59 8	86	51 5		36 3		26 4		
87		97	59 7	87	51 4		36 1		26 1		
88		98	59 5	88	51 3		35 8		25 9		
89		99	59 4	89	51 2		35 6		25 7		
90		100	59 3	90	51 1		35 4		25 5		
91			59 2	91	51 0		35 2		25 3		
92			59 1	92	50 9		35 0		25 1		
93			59 0	93	50 8		34 8		24 9		
94			58 8	94	50 7		34 6		24 7		
95			58 7	95	50 6		34 4		24 5		
96			58 6	96	50 5		34 2		24 3		
97			58 5	97	50 4		34 0		24 1		
98			58 4	98	50 3		33 8		23 9		
99			58 3	99	50 2		33 6		23 7		
100			58 2	100	50 1		33 4		23 5		
			58 1		50 0		33 2		23 3		
			58 0		49 9		33 0		23 1		
			57 8		49 7		32 8		22 8		
			57 7		49 5		32 6		22 6		
			57 6		49 3		32 4		22 4		
			57 5		49 1		32 2		22 3		
			57 4		48 9		32 0				
			57 3		48 7		31 8				
			57 2		48 5		31 6				
			57 1		48 3		31 4				
			57 0		48 1		31 2				
			56 9		47 9		31 0				
			56 8		47 7		30 8				
			56 7		47 5		30 6				
			56 6		47 3		30 4				
			56 5		47 1		30 2				
			56 4		46 9		30 0				
			56 3		46 7		29 8				
			56 2		46 5		29 6				
			56 1		46 3		29 4				
			56 0		46 1		29 2				
			55 9		45 9		29 0				
			55 8		45 7		28 8				
			55 7		45 5		28 6				
			55 6		45 3		28 4				
			55 5		45 1		28 2				
			55 4		44 9		28 0				
			55 3		44 7		27 8				
			55 2		44 5		27 6				
			55 1		44 3		27 4				
			55 0		44 1		27 2				
			54 9		43 9		27 0				
			54 8		43 7		26 8				
			54 7		43 5		26 6				
			54 6		43 3		26 4				
			54 5		43 1		26 2				
			54 4		42 9		26 0				
			54 3		42 7		25 8				
			54 2		42 5		25 6				
			54 1		42 3		25 4				
			54 0		42 1		25 2				
			53 9		41 9		25 0				
			53 8		41						

GLASS HYDROMETER.

Temperature 72° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	22 3	50	8 9	60	5 6	70	22 9	80	44 7	90	74 2																				
12	22 1	2	8 6	2	5 9	12	23 2	2	45 2	2	74 8																				
4	21 8	4	8 3	4	6 2	4	23 6	4	45 7	4	75 4																				
6	21 6	6	8 0	6	6 5	6	24 0	6	46 2	6	76 0																				
8	21 3	8	7 8	8	6 8	8	24 4	8	46 7	8	76 6																				
41	21 1	51	7 5	61	7 1	71	24 8	81	47 2	91	77 2																				
12	20 8	2	7 2	2	7 4	2	25 1	2	47 7	2	77 8																				
4	20 6	4	6 9	4	7 8	4	25 5	4	48 2	4	78 4																				
6	20 3	6	6 6	6	8 1	6	25 9	6	48 8	6	79 0																				
8	20 1	8	6 3	8	8 4	8	26 3	8	49 3	8	79 6																				
42	19 8	52	6 0	62	8 7	72	26 6	82	49 9	92	80 2																				
12	19 6	2	5 8	2	9 1	2	27 0	2	50 4	2	80 7																				
4	19 3	4	5 5	4	9 4	4	27 4	4	51 0	4	81 3																				
6	19 1	6	5 2	6	9 7	6	27 7	6	51 6	6	81 9																				
8	18 8	8	4 9	8	10 1	8	28 1	8	52 1	8	82 5																				
43	18 5	53	4 6	63	10 4	73	28 5	83	52 7	93	83 1																				
12	18 2	2	4 3	2	10 7	2	28 9	2	53 3	2	83 7																				
4	17 9	4	4 1	4	11 0	4	29 3	4	53 9	4	84 3																				
6	17 7	6	3 8	6	11 3	6	29 7	6	54 1	6	84 9																				
8	17 4	8	3 6	8	11 7	8	30 1	8	55 0	8	85 4																				
44	17 1	54	3 2	64	12 0	74	30 5	84	55 6	94	86 0																				
12	16 8	2	2 9	2	12 4	2	30 9	2	56 2	2	86 6																				
4	16 6	4	2 7	4	12 7	4	31 4	4	56 8	4	87 1																				
6	16 3	6	2 4	6	13 0	6	31 8	6	57 4	6	87 7																				
8	16 1	8	2 1	8	13 3	8	32 2	8	58 0	8	88 2																				
45	15 8	55	1 8	65	13 7	75	32 7	85	58 6	95	88 8																				
12	15 5	2	1 5	2	14 1	2	33 1	2	59 2	2	89 3																				
4	15 3	4	1 3	4	14 5	4	33 6	4	59 9	4	89 9																				
6	15 0	6	1 0	6	14 8	6	34 1	6	60 5	6	90 4																				
8	14 8	8	0 7	8	15 2	8	34 5	8	61 1	8	91 0																				
46	14 5	56	0 4	66	15 6	76	35 0	86	61 7	96	91 5																				
12	14 2	2	0 1	2	15 9	2	35 4	2	62 3	2	92 1																				
4	14 0	4	0 2	4	16 3	4	35 9	4	62 9	4	92 6																				
6	13 7	6	0 5	6	16 7	6	36 4	6	63 6	6	93 1																				
8	13 5	8	0 8	8	17 0	8	36 9	8	64 2	8	93 7																				
47	13 2	57	1 1	67	17 4	77	37 4	87	64 8	97	94 2																				
12	12 9	2	1 4	2	17 8	2	37 8	2	65 4	2	94 7																				
4	12 6	4	1 7	4	18 1	4	38 3	4	66 0	4	95 2																				
6	12 3	6	2 0	6	18 5	6	38 8	6	66 6	6	95 7																				
8	12 1	8	2 3	8	18 8	8	39 3	8	67 3	8	96 2																				
48	11 8	58	2 6	68	19 2	78	39 8	88	67 9	98	96 8																				
12	11 5	2	2 9	2	19 6	2	40 2	2	68 5	2	97 3																				
4	11 2	4	3 2	4	20 0	4	40 7	4	69 2	4	97 8																				
6	10 9	6	3 5	6	20 3	6	41 2	6	69 8	6	98 3																				
8	10 6	8	3 8	8	20 7	8	41 7	8	70 4	8	98 8																				
49	10 3	59	4 1	69	21 1	79	42 2	89	71 1	99	99 3																				
12	10 0	2	4 4	2	21 4	2	42 7	2	71 7	2	99 8																				
4	9 8	4	4 7	4	21 8	4	43 2	4	72 3	4																					
6	9 5	6	5 0	6	22 2	6	43 7	6	73 0	6																					
8	9 2	8	5 3	8	22 6	8	44 2	8	73 8	8																					
50	8 9	60	5 6	70	22 9	80	44 7	90	74 2	100																					

Temperature 73° F.

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GLASS HYDROMETER.

Temperature 73° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	22 0	50	8 6	60	6 0	70	23 3	80	45 0	90	74 4				
2	21 8	2	8 4	2	6 3	2	23 0	2	45 5	2	75 0				
4	21 5	4	8 0	4	6 6	4	24 0	4	46 0	4	75 6				
6	21 3	6	7 7	6	6 9	6	24 4	6	46 5	6	76 2				
8	21 0	8	7 4	8	7 2	8	24 7	8	47 0	8	76 8				
41	20 8	51	7 1	61	7 5	71	25 1	81	47 5	91	77 4				
2	20 5	2	6 9	2	7 8	2	25 4	2	48 0	2	78 0				
4	20 3	4	6 5	4	8 2	4	25 8	4	48 6	4	78 6				
6	20 0	6	6 3	6	8 5	6	26 2	6	49 1	6	79 2				
8	19 8	8	6 0	8	8 8	8	26 6	8	49 7	8	79 8				
42	19 5	52	5 7	62	9 1	72	26 9	82	50 2	92	80 4				
2	19 2	2	5 4	2	9 5	2	27 3	2	50 7	2	80 9				
4	19 0	4	5 2	4	9 8	4	27 7	4	51 3	4	81 5				
6	18 7	6	4 9	6	10 1	6	28 0	6	51 9	6	82 1				
8	18 5	8	4 6	8	10 5	8	28 4	8	52 4	8	82 7				
43	18 2	53	4 3	63	10 8	73	28 8	83	53 0	93	83 3				
2	17 9	2	4 0	2	11 1	2	29 2	2	53 6	2	83 9				
4	17 6	4	3 7	4	11 4	4	29 6	4	54 2	4	84 5				
6	17 4	6	3 4	6	11 7	6	30 0	6	54 7	6	85 1				
8	17 1	8	3 2	8	12 1	8	30 4	8	55 3	8	85 6				
44	16 8	54	2 9	64	12 4	74	30 8	84	55 9	94	86 2				
2	16 6	2	2 6	2	12 8	2	31 2	2	56 5	2	86 8				
4	16 3	4	2 3	4	13 1	4	31 7	4	57 1	4	87 3				
6	16 0	6	2 0	6	13 5	6	32 1	6	57 7	6	87 9				
8	15 8	8	1 7	8	13 8	8	32 6	8	58 3	8	88 4				
45	15 5	55	1 4	65	14 2	75	33 1	85	58 9	95	89 0				
2	15 2	2	1 1	2	14 5	2	33 5	2	59 5	2	89 5				
4	15 0	4	0 9	4	14 9	4	33 9	4	60 1	4	90 1				
6	14 7	6	0 6	6	15 2	6	34 4	6	60 7	6	90 6				
8	14 5	8	0 3	8	15 6	8	34 9	8	61 3	8	91 1				
46	14 2	56		66	15 9	76	35 3	86	62 0	96	91 7				
2	13 9	2	0 3	2	16 3	2	35 8	2	62 6	2	92 2				
4	13 7	4	0 6	4	16 7	4	36 3	4	63 2	4	92 7				
6	13 4	6	0 9	6	17 1	6	36 8	6	63 8	6	93 3				
8	13 1	8	1 2	8	17 4	8	37 3	8	64 4	8	93 8				
47	12 8	57	1 5	67	17 8	77	37 8	87	65 0	97	94 3				
2	12 5	2	1 8	2	18 2	2	38 2	2	65 7	2	94 8				
4	12 3	4	2 1	4	18 5	4	38 7	4	66 3	4	95 4				
6	12 0	6	2 4	6	18 8	6	39 2	6	66 9	6	95 9				
8	11 8	8	2 7	8	19 2	8	39 7	8	67 6	8	96 4				
48	11 5	58	3 0	68	19 6	78	40 2	88	68 2	98	96 9				
2	11 2	2	3 3	2	20 0	2	40 6	2	68 8	2	97 4				
4	10 9	4	3 6	4	20 4	4	41 1	4	69 5	4	97 9				
6	10 6	6	3 9	6	20 7	6	41 6	6	70 1	6	98 5				
8	10 3	8	4 2	8	21 1	8	42 1	8	70 7	8	99 0				
49	10 0	59	4 5	69	21 5	79	42 6	89	71 4	99	99 5				
2	9 7	2	4 8	2	21 9	2	43 1	2	72 0	2	100 0				
4	9 4	4	5 1	4	22 2	4	43 5	4	72 6	4					
6	9 2	6	5 4	6	22 6	6	44 0	6	73 2	6					
8	8 9	8	5 7	8	23 0	8	44 5	8	73 8	8					
50	8 6	60	6 0	70	23 3	80	45 0	90	74 4	100					

GLASS HYDROMETER.

A

Temperature 74° F

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	70 7	0	63 8	10	55 0	20	45 2	30	33 8
2		12	70 6	2	63 7	12	54 9	22	45 0	32	33 6
4		14	70 5	4	63 5	14	54 7	24	44 8	34	33 4
6		16	70 3	6	63 4	16	54 5	26	44 6	36	33 1
8		18	70 2	8	63 2	18	54 3	28	44 4	38	32 9
10		20	70 1	10	63 0	20	54 1	30	44 2	40	32 7
12		22	69 9	12	62 9	22	54 0	32	43 9	42	32 4
14		24	69 8	14	62 7	24	53 8	34	43 7	44	32 2
16		26	69 7	16	62 5	26	53 6	36	43 4	46	31 9
18		28	69 5	18	62 3	28	53 4	38	43 2	48	31 7
20		30	69 4	20	62 2	30	53 2	40	42 9	50	31 5
22		32	69 3	22	62 0	32	53 1	42	42 7	52	31 3
24		34	69 1	24	61 8	34	52 9	44	42 4	54	31 0
26		36	69 0	26	61 6	36	52 7	46	42 2	56	30 8
28		38	68 9	28	61 4	38	52 5	48	42 0	58	30 6
30	75 2	40	68 7	30	61 3	40	52 3	50	41 8	60	30 4
32	75 1	42	68 6	32	61 1	42	52 1	52	41 5	62	30 1
34	75 0	44	68 5	34	60 9	44	51 9	54	41 2	64	29 9
36	74 9	46	68 4	36	60 7	46	51 7	56	41 0	66	29 6
38	74 8	48	68 2	38	60 6	48	51 5	58	40 8	68	29 4
40	74 6	50	68 1	40	60 4	50	51 3	60	40 6	70	29 1
42	74 5	52	68 0	42	60 2	52	51 1	62	40 3	72	28 9
44	74 4	54	67 9	44	60 0	54	50 9	64	40 1	74	28 6
46	74 2	56	67 7	46	59 8	56	50 7	66	39 9	76	28 4
48	74 1	58	67 6	48	59 6	58	50 5	68	39 7	78	28 2
50	74 0	60	67 5	50	59 5	60	50 3	70	39 5	80	27 9
52	73 9	62	67 3	52	59 4	62	50 1	72	39 2	82	27 6
54	73 7	64	67 2	54	59 2	64	49 9	74	39 0	84	27 4
56	73 6	66	67 1	56	59 0	66	49 7	76	38 8	86	27 2
58	73 5	68	66 9	58	58 8	68	49 5	78	38 5	88	27 0
60	73 4	70	66 8	60	58 7	70	49 3	80	38 3	90	26 7
62	73 3	72	66 7	62	58 5	72	49 1	82	38 1	92	26 4
64	73 2	74	66 5	64	58 4	74	48 9	84	37 8	94	26 2
66	73 0	76	66 4	66	58 2	76	48 7	86	37 6	96	25 9
68	72 9	78	66 3	68	58 0	78	48 5	88	37 4	98	25 7
70	72 8	80	66 1	70	57 8	80	48 3	90	37 2		25 4
72	72 7	82	66 0	72	57 6	82	48 1	92	37 0		25 2
74	72 5	84	65 9	74	57 4	84	47 9	94	36 7		25 0
76	72 4	86	65 7	76	57 3	86	47 7	96	36 5		24 7
78	72 3	88	65 6	78	57 1	88	47 5	98	36 3		24 6
80	72 2	90	65 4	80	56 9	90	47 3		36 0		24 2
82	72 0	92	65 3	82	56 8	92	47 1		35 8		24 0
84	71 9	94	65 1	84	56 6	94	46 9		35 6		23 8
86	71 8	96	65 0	86	56 4	96	46 7		35 4		23 6
88	71 6	98	64 8	88	56 2		46 5		35 2		23 3
90	71 4		64 6	90	56 0	100	46 3		34 9		23 0
92	71 2		64 5	92	55 8		46 1		34 7		22 8
94	71 1		64 3	94	55 6		45 8		34 5		22 5
96	71 0		64 1	96	55 4		45 6		34 3		22 2
98	70 9		64 0	98	55 2		45 4		34 0		22 0
100	70 7		63 8	100	55 0		45 2		33 8		21 7

GLASS HYDROMETER.

Temperature 74° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	21 7	50	8 2	60	6 2	70	23 6	80	45 4	90	74 7		
2	21 5	12	7 9	12	6 6	12	23 9	12	45 9	2	75 3		
4	21 3	4	7 6	4	6 9	4	24 3	4	46 4	4	75 9		
6	21 0	6	7 3	6	7 2	6	24 6	6	46 9	6	76 5		
8	20 7	8	7 0	8	7 5	8	25 0	8	47 4	8	77 1		
41	20 5	51	6 6	61	7 8	71	25 7	81	47 9	91	77 7		
2	20 2	12	6 3	2	8 1	2	26 1	2	48 4	2	78 2		
4	20 0	4	6 2	4	8 5	4	26 5	4	48 9	4	78 8		
6	19 7	6	5 9	6	8 8	6	26 9	6	49 5	6	79 4		
8	19 5	8	5 6	8	0 1	8	27 2	8	50 1	8	80 0		
42	19 2	52	5 3	62	0 4	72	27 6	82	50 7	92	80 6		
2	18 9	2	5 1	2	9 8	2	28 0	2	51 2	2	81 1		
4	18 7	4	4 8	4	10 1	4	28 3	4	51 8	4	81 7		
6	18 4	6	4 5	6	10 4	6	28 7	6	52 4	6	82 3		
8	18 1	8	4 2	8	10 8	8	29 1	8	52 9	8	82 9		
43	17 0	53	3 9	63	11 1	73	29 5	83	53 5	93	83 5		
2	17 0	2	3 6	2	11 4	2	29 9	2	54 1	2	84 1		
4	17 3	4	3 4	4	11 8	4	30 3	4	54 7	4	84 7		
6	17 1	6	3 1	6	12 1	6	30 7	6	55 2	6	85 3		
8	16 8	8	2 8	8	12 5	8	31 1	8	55 8	8	85 8		
44	16 5	54	2 5	64	12 8	74	31 5	84	56 4	94	86 4		
2	16 3	2	2 3	2	13 2	2	31 9	2	57 0	2	87 0		
4	16 0	4	2 0	4	13 5	4	32 4	4	57 6	4	87 6		
6	15 7	6	1 7	6	13 9	6	32 9	6	58 2	6	88 1		
8	15 5	8	1 4	8	14 2	8	33 4	8	58 8	8	88 6		
45	15 2	55	1 1	65	14 6	75	33 8	85	59 4	95	89 2		
2	14 9	2	0 8	2	14 0	2	34 3	2	60 0	2	89 7		
4	14 7	4	0 6	4	15 3	4	34 8	4	60 6	4	90 3		
6	14 4	6	0 3	6	15 6	6	35 3	6	61 2	6	90 8		
8	14 2	8		8	16 0	8	35 7	8	61 8	8	91 3		
46	13 9	56	0 3	66	16 3	76	36 2	86	62 4	96	91 9		
2	13 6	2	0 0	2	16 7	2	36 7	2	63 0	2	92 4		
4	13 4	4	0 9	4	17 1	4	37 2	4	63 6	4	92 9		
6	13 1	6	1 2	6	17 4	6	37 7	6	64 2	6	93 4		
8	12 8	8	1 5	8	17 8	8	38 2	8	64 7	8	94 0		
47	12 5	57	1 8	67	18 2	77	38 6	87	65 3	97	94 5		
2	12 2	2	2 1	2	18 5	2	39 1	2	66 0	2	95 0		
4	11 9	4	2 4	4	18 9	4	39 6	4	66 6	4	95 5		
6	11 6	6	2 7	6	19 2	6	40 1	6	67 2	6	96 0		
8	11 4	8	3 0	8	19 6	8	40 6	8	67 9	8	96 5		
48	11 1	58	3 3	68	20 0	78	41 0	88	68 5	98	97 1		
2	10 8	2	3 6	2	20 4	2	41 5	2	69 1	2	97 6		
4	10 5	4	3 9	4	20 8	4	42 0	4	69 9	4	98 1		
6	10 2	6	4 2	6	21 1	6	42 5	6	70 4	6	98 6		
8	9 9	8	4 5	8	21 5	8	43 0	8	71 0	8	99 1		
49	9 6	59	4 8	69	21 8	79	43 5	89	71 7	99	99 6		
2	9 3	2	5 1	2	22 2	2	43 9	2	72 3	2			
4	9 0	4	5 3	4	22 5	4	44 4	4	72 9	4			
6	8 8	6	5 7	6	22 9	6	44 9	6	73 5	6			
8	8 5	8	6 0	8	23 2	8	45 4	8	74 1	8			
50	8 2	60	6 3	70	23 6	80		90	74 7	100			

GLASS HYDROMETER.

A

Temperature 75° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	70 5	0	63 6	10	54 8	20	44 9	30	33 5		
2		2	70 4	2	63 4	2	54 7	2	44 7	2	33 3		
4		4	70 3	4	63 3	4	54 5	4	44 5	4	33 1		
6		6	70 1	6	63 1	6	54 3	6	44 3	6	32 8		
8		8	70 0	8	62 9	8	54 1	8	44 1	8	32 6		
1		11	69 9	1	62 8	11	53 9	21	43 8	31	32 3		
2		2	69 7	2	62 6	2	53 7	2	43 6	2	32 1		
4		4	69 6	4	62 5	4	53 5	4	43 4	4	31 9		
6		6	69 5	6	62 3	6	53 4	6	43 1	6	31 7		
8		8	69 3	8	62 1	8	53 2	8	42 9	8	31 4		
2		12	69 2	2	61 9	12	53 0	22	42 6	32	31 2		
2		2	69 1	2	61 7	2	52 8	2	42 4	2	31 0		
4		4	68 9	4	61 6	4	52 6	4	42 1	4	30 7		
6		6	68 8	6	61 4	6	52 4	6	41 9	6	30 5		
8		8	68 7	8	61 2	8	52 2	8	41 6	8	30 3		
3	75 2	13	68 5	3	61 0	13	52 0	23	41 4	33	30 1		
2	75 1	2	68 4	2	60 8	2	51 9	2	41 1	2	29 8		
4	74 8	4	68 3	4	60 7	4	51 6	4	40 9	4	29 6		
6	74 7	6	68 2	6	60 5	6	51 4	6	40 7	6	29 3		
8	74 6	8	68 0	8	60 3	8	51 2	8	40 5	8	29 1		
4	74 5	14	67 9	4	60 1	14	51 0	24	40 2	34	28 8		
2	74 3	2	67 8	2	60 0	2	50 8	2	40 0	2	28 5		
4	74 2	4	67 7	4	59 8	4	50 6	4	39 8	4	28 3		
6	74 1	6	67 5	6	59 6	6	50 4	6	39 6	6	28 1		
8	73 9	8	67 4	8	59 4	8	50 2	8	39 4	8	27 9		
5	73 8	15	67 3	5	59 3	15	50 0	25	39 2	35	27 6		
2	73 6	2	67 1	2	59 1	2	49 8	2	39 0	2	27 4		
4	73 5	4	67 0	4	58 9	4	49 6	4	38 7	4	27 2		
6	73 4	6	66 9	6	58 7	6	49 4	6	38 5	6	27 0		
8	73 2	8	66 7	8	58 6	8	49 2	8	38 2	8	26 8		
6	73 1	16	66 6	6	58 5	16	49 0	26	38 0	36	26 5		
2	73 0	2	66 5	2	58 3	2	48 8	2	37 8	2	26 3		
4	72 8	4	66 3	4	58 1	4	48 6	4	37 5	4	26 0		
6	72 7	6	66 2	6	57 9	6	48 4	6	37 3	6	25 8		
8	72 6	8	66 1	8	57 7	8	48 2	8	37 1	8	25 5		
7	72 5	17	65 9	7	57 5	17	48 0	27	36 9	37	25 3		
2	72 3	2	65 8	2	57 4	2	47 8	2	36 7	2	25 0		
4	72 2	4	65 6	4	57 2	4	47 6	4	36 4	4	24 8		
6	72 1	6	65 5	6	57 1	6	47 4	6	36 2	6	24 5		
8	72 0	8	65 3	8	56 9	8	47 2	8	36 0	8	24 3		
8	71 8	18	65 2	8	56 7	18	47 0	28	35 8	38	24 0		
2	71 7	2	65 0	2	56 5	2	46 8	2	35 5	2	23 8		
4	71 6	4	64 9	4	56 3	4	46 6	4	35 3	4	23 5		
6	71 4	6	64 7	6	56 1	6	46 4	6	35 1	6	23 3		
8	71 3	8	64 6	8	55 9	8	46 2	8	34 9	8	23 0		
9	71 2	19	64 4	9	55 7	19	46 0	29	34 6	39	22 8		
2	71 0	2	64 2	2	55 5	2	45 8	2	34 4	2	22 5		
4	70 9	4	64 1	4	55 3	4	45 5	4	34 2	4	22 2		
6	70 8	6	64 0	6	55 2	6	45 3	6	34 0	6	21 9		
8	70 7	8	63 9	8	55 0	8	45 1	8	33 7	8	21 7		
10	70 5	20	63 6	10	54 8	20	44 9	30	33 5	40	21 4		

GLASS HYDROMETER.

Temperature 75° F

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
30	21.4	50	7.8	60	6.7	70	24.0	80	45.8	90	75.0				
2	21.2	12	7.5	2	7.0	2	24.3	2	46.3	2	75.6				
4	20.9	4	7.2	4	7.3	4	24.7	4	46.8	4	76.2				
6	20.7	6	6.9	6	7.6	6	25.0	6	47.3	6	76.8				
8	20.4	8	6.6	8	7.9	8	25.4	8	47.8	8	77.3				
41	20.2	51	6.3	61	8.2	71	25.8	81	48.3	91	77.9				
2	19.9	2	6.1	2	8.5	2	26.1	2	48.9	2	78.4				
4	19.7	4	5.8	4	8.9	4	26.5	4	49.4	4	79.0				
6	19.4	6	5.5	6	9.2	6	26.8	6	49.9	6	79.6				
8	19.2	8	5.2	8	9.5	8	27.2	8	50.5	8	80.2				
42	18.9	52	4.9	62	9.8	72	27.6	82	51.1	92	80.8				
2	18.6	2	4.7	2	10.2	2	28.0	2	51.6	2	81.3				
4	18.4	4	4.4	4	10.5	4	28.3	4	52.2	4	81.9				
6	18.1	6	4.1	6	10.8	6	28.7	6	52.8	6	82.5				
8	17.8	8	3.8	8	11.2	8	29.1	8	53.3	8	83.1				
43	17.6	53	3.5	63	11.5	73	29.5	83	53.9	93	83.7				
2	17.3	2	3.2	2	11.8	2	29.9	2	54.5	2	84.3				
4	17.0	4	3.0	4	12.2	4	30.3	4	55.1	4	84.9				
6	16.8	6	2.7	6	12.5	6	30.7	6	55.6	6	85.5				
8	16.5	8	2.4	8	12.9	8	31.1	8	56.2	8	86.0				
44	16.2	54	2.1	64	13.2	74	31.5	84	56.8	94	86.6				
2	15.9	2	1.8	2	13.6	2	31.9	2	57.4	2	87.2				
4	15.7	4	1.5	4	13.9	4	32.4	4	58.0	4	87.7				
6	15.4	6	1.3	6	14.2	6	32.8	6	58.6	6	88.3				
8	15.2	8	1.0	8	14.6	8	33.3	8	59.2	8	88.8				
45	14.9	55	0.7	65	15.0	75	33.9	85	59.8	95	89.3				
2	14.6	2	0.4	2	15.3	2	34.2	2	60.4	2	89.9				
4	14.4	4	0.1	4	15.7	4	34.7	4	61.0	4	90.5				
6	14.1	6	0.2	6	16.0	6	35.2	6	61.6	6	91.0				
8	13.8	8	0.4	8	16.3	8	35.7	8	62.2	8	91.5				
46	13.6	56	0.7	66	16.7	76	36.1	86	62.7	96	92.1				
2	13.3	2	1.0	2	17.1	2	36.6	2	63.3	2	92.6				
4	13.0	4	1.3	4	17.5	4	37.1	4	63.9	4	93.1				
6	12.7	6	1.6	6	17.8	6	37.6	6	64.5	6	93.6				
8	12.4	8	1.9	8	18.2	8	38.1	8	65.0	8	94.2				
47	12.1	57	2.2	67	18.5	77	38.6	87	65.6	97	94.7				
2	11.8	2	2.5	2	18.9	2	39.0	2	66.3	2	95.2				
4	11.5	4	2.8	4	19.2	4	39.5	4	66.9	4	95.7				
6	11.2	6	3.1	6	19.6	6	40.0	6	67.5	6	96.2				
8	11.0	8	3.4	8	20.0	8	40.5	8	68.2	8	96.7				
48	10.7	58	3.7	68	20.4	78	41.0	88	68.9	98	97.3				
2	10.4	2	4.0	2	20.8	2	41.4	2	69.4	2	97.8				
4	10.1	4	4.3	4	21.1	4	41.9	4	70.1	4	98.3				
6	9.8	6	4.6	6	21.5	6	42.4	6	70.7	6	98.8				
8	9.5	8	4.9	8	21.8	8	42.9	8	71.3	8	99.3				
49	9.2	59	5.2	69	22.2	79	43.4	89	72.0	99	99.8				
2	8.9	2	5.5	2	22.6	2	43.9	2	72.6	2					
4	8.6	4	5.8	4	22.9	4	44.3	4	73.2	4					
6	8.4	6	6.1	6	23.3	6	44.8	6	73.8	6					
8	8.1	8	6.4	8	23.7	8	45.3	8	74.4	8					
50	7.8	60	6.7	70	24.0	80	45.8	90	75.0	100					

GLASS HYDROMETER

A

Temperature 76° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	70 4	0	63 4	10	54 5	20	41 0	30	33 2		
1		11	70 3	1	63 3	11	54 4	21	40 8	31	33 0		
2		12	70 1	2	63 1	12	54 3	22	40 6	32	32 8		
3		13	70 0	3	62 9	13	54 0	23	40 4	33	32 6		
4		14	69 9	4	62 7	14	53 8	24	40 2	34	32 4		
5		15	69 7	5	62 6	15	53 7	25	39 9	35	32 2		
6		16	69 6	6	62 4	16	53 5	26	39 7	36	32 0		
7		17	69 5	7	62 2	17	53 3	27	39 5	37	31 8		
8		18	69 3	8	62 0	18	53 1	28	39 3	38	31 6		
9		19	69 2	9	61 8	19	52 9	29	39 1	39	31 3		
10		20	69 1	10	61 7	20	52 7	30	38 8	40	31 1		
11		21	69 0	11	61 5	21	52 5	31	38 6				
12		22	68 8	12	61 3	22	52 3	32	38 4				
13		23	68 7	13	61 1	23	52 1	33	38 1				
14		24	68 6	14	60 9	24	51 9	34	37 9				
15		25	68 4	15	60 7	25	51 7	35	37 7				
16		26	68 3	16	60 4	26	51 5	36	37 5				
17		27	68 2	17	60 4	27	51 3	37	37 2				
18		28	68 1	18	60 3	28	51 1	38	36 8				
19		29	67 9	19	60 1	29	50 9	39	36 6				
20		30	67 8	20	59 9	30	50 7	40	36 3				
21		31	67 7	21	59 7	31	50 5	41	36 0				
22		32	67 5	22	59 5	32	50 3	42	35 7				
23		33	67 4	23	59 3	33	50 1	43	35 4				
24		34	67 3	24	59 1	34	49 9	44	35 1				
25		35	67 1	25	59 0	35	49 7	45	34 8				
26		36	67 0	26	58 9	36	49 5	46	34 6				
27		37	66 8	27	58 7	37	49 3	47	34 3				
28		38	66 7	28	58 5	38	49 1	48	34 1				
29		39	66 5	29	58 3	39	48 9	49	33 7				
30		40	66 4	30	58 2	40	48 7	50	33 4				
31		41	66 3	31	58 1	41	48 6						
32		42	66 1	32	57 9	42	48 4						
33		43	66 0	33	57 7	43	48 2						
34		44	65 9	34	57 5	44	47 9						
35		45	65 7	35	57 3	45	47 8						
36		46	65 6	36	57 1	46	47 6						
37		47	65 4	37	56 9	47	47 4						
38		48	65 3	38	56 7	48	47 2						
39		49	65 2	39	56 5	49	47 0						
40		50	65 0	40	56 4	50	46 8						
41		51	64 8	41	56 2	51	46 5						
42		52	64 7	42	56 0	52	46 3						
43		53	64 5	43	55 9	53	46 1						
44		54	64 4	44	55 7	54	45 9						
45		55	64 2	45	55 5	55	45 7						
46		56	64 0	46	55 3	56	45 5						
47		57	63 9	47	55 1	57	45 2						
48		58	63 8	48	54 9	58	45 0						
49		59	63 6	49	54 7	59	44 8						
50		60	63 4	50	54 5	60	44 6						

Temperature 76° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	21 1	50	1 5	60	7 0	70	24 4	80	46 2	90	75 3		
2	20 8	12	1 2	12	7 3	2	24 6	12	46 7	2	75 8		
4	20 6	4	1 0	4	7 6	4	25 0	4	47 12	4	76 4		
6	20 4	6	0 6	6	7 9	6	25 4	6	47 7	6	77 0		
8	20 1	8	6 3	8	8 2	8	25 8	8	48 2	8	77 5		
41	19 9	51	6 0	61	5 5	71	26 1	81	48 7	91	78 1		
2	19 6	2	5 8	2	8 8	2	26 5	2	49 3	2	78 6		
4	19 4	4	5 5	4	9 12	4	26 9	4	49 8	4	79 2		
6	19 1	6	5 2	6	9 5	6	27 2	6	50 3	6	79 8		
8	18 9	8	4 9	8	9 8	8	27 6	8	50 9	8	80 4		
42	18 7	52	4 6	62	10 1	72	28 0	82	51 5	92	81 0		
2	18 4	2	4 4	2	10 5	2	28 4	2	52 0	2	81 5		
4	18 1	4	4 1	4	10 8	4	28 7	4	52 6	4	82 1		
6	17 8	6	3 8	6	11 2	6	29 1	6	53 2	6	82 7		
8	17 5	8	3 5	8	11 5	8	29 5	8	53 7	8	83 3		
43	17 3	53	3 2	63	11 9	73	29 9	83	54 3	93	83 9		
2	17 0	2	2 9	2	12 2	2	30 3	2	54 9	2	84 4		
4	16 7	4	2 7	4	12 6	4	30 7	4	55 5	4	84 9		
6	16 5	6	2 4	6	12 9	6	31 1	6	56 0	6	85 5		
8	16 2	8	2 1	8	13 3	8	31 5	8	56 6	8	86 0		
44	15 9	54	1 8	64	13 6	74	31 9	84	57 1	94	86 6		
2	15 7	2	1 5	2	14 0	2	32 4	2	57 7	2	87 1		
4	15 4	4	1 3	4	14 3	4	32 8	4	58 3	4	87 7		
6	15 1	6	1 0	6	14 6	6	33 3	6	58 9	6	88 3		
8	14 9	8	0 7	8	15 0	8	33 7	8	59 5	8	88 8		
45	14 6	55	0 4	65	15 4	75	34 2	85	60 1	95	89 4		
2	14 3	2	0 1	2	15 7	2	34 6	2	60 7	2	89 9		
4	14 1	4	0 2	4	16 1	4	35 1	4	61 3	4	90 5		
6	13 8	6	0 4	6	16 4	6	35 6	6	61 9	6	91 1		
8	13 5	8	0 7	8	16 7	8	36 1	8	62 5	8	91 7		
46	13 3	56	1 0	66	17 1	76	36 5	86	63 0	96	92 2		
2	13 0	2	1 3	2	17 5	2	37 0	2	63 6	2	92 7		
4	12 7	4	1 6	4	17 8	4	37 5	4	64 2	4	93 2		
6	12 4	6	1 9	6	18 2	6	38 0	6	64 8	6	93 7		
8	12 1	8	2 2	8	18 6	8	38 5	8	65 4	8	94 2		
47	11 8	57	2 5	67	18 9	77	39 0	87	66 0	97	94 8		
2	11 5	2	2 8	2	19 3	2	39 4	2	66 6	2	95 3		
4	11 2	4	3 1	4	19 7	4	39 9	4	67 2	4	95 8		
6	10 9	6	3 4	6	20 0	6	40 4	6	67 9	6	96 3		
8	10 7	8	3 7	8	20 4	8	40 9	8	68 5	8	96 9		
48	10 4	58	4 0	68	20 7	78	41 4	88	69 2	98	97 4		
2	10 1	2	4 3	2	21 1	2	41 8	2	69 8	2	97 9		
4	9 8	4	4 6	4	21 4	4	42 3	4	70 4	4	98 4		
6	9 5	6	4 9	6	21 8	6	42 8	6	71 0	6	98 9		
8	9 2	8	5 2	8	22 1	8	43 3	8	71 6	8	99 4		
49	8 9	59	5 5	69	22 5	79	43 8	89	72 2	99	99 9		
2	8 6	2	5 8	2	22 9	2	44 3	2	72 8	2			
4	8 3	4	6 1	4	23 2	4	44 7	4	73 5	4			
6	8 1	6	6 4	6	23 6	6	45 2	6	74 1	6			
8	7 8	8	6 7	8	24 0	8	45 7	8	74 7	8			
50	7 5	60	7 0	70	24 3	80	46 2	90	75 3	100			

A **Temperature 77° F.**

Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof
A			A			A			A			A			A		
0	10	70 2	0	10	63 2	10	54 3	20	44 3	30	32 9						
1	11	70 1	1	11	63 0	11	54 1	21	44 1	31	32 7						
2	12	69 9	2	12	62 8	12	53 9	22	43 9	32	32 5						
3	13	69 8	3	13	62 7	13	53 7	23	43 7	33	32 3						
4	14	69 7	4	14	62 5	14	53 5	24	43 4	34	32 0						
5	15	69 5	5	15	62 3	15	53 4	25	43 3	35	31 8						
6	16	69 4	6	16	62 2	16	53 3	26	43 2	36	31 6						
7	17	69 3	7	17	62 0	17	53 1	27	43 1	37	31 4						
8	18	69 1	8	18	61 8	18	52 9	28	42 9	38	31 2						
9	19	69 0	9	19	61 6	19	52 7	29	42 7	39	31 0						
10	20	68 9	10	20	61 4	20	52 5	30	42 5	40	30 8						
		68 8			61 2		52 3		41 9		30 7						
		68 6			61 0		52 1		41 7		30 5						
		68 5			60 8		51 9		41 5		30 2						
		68 4			60 7		51 7		41 2		30 0						
		68 2			60 5		51 5		40 8		29 5						
		68 1			60 3		51 3		40 5		29 2						
		68 0			60 2		51 1		40 3		29 0						
		67 9			60 0		50 9		40 1		28 7						
		67 7			59 9		50 7		39 9		28 5						
		67 6			59 7		50 5		39 7		28 3						
		67 5			59 5		50 3		39 5		28 0						
		67 3			59 3		50 1		39 2		27 8						
		67 2			59 1		49 9		39 0		27 5						
		67 1			58 9		49 7		38 7		27 3						
		66 9			58 7		49 5		38 5		27 1						
		66 8			58 6		49 3		38 3		26 8						
		66 6			58 5		49 1		38 1		26 6						
		66 5			58 3		48 9		37 8		26 3						
		66 3			58 1		48 7		37 6		26 1						
		66 2			57 9		48 5		37 4		25 8						
		66 1			57 8		48 3		37 1		25 6						
		66 0			57 6		48 1		36 9		25 3						
		65 9			57 4		47 9		36 7		25 1						
		65 7			57 2		47 7		36 5		24 8						
		65 5			57 1		47 5		36 3		24 6						
		65 4			56 9		47 3		36 1		24 3						
		65 2			56 7		47 1		35 8		24 1						
		65 1			56 5		46 9		35 6		23 8						
		64 9			56 3		46 7		35 4		23 6						
		64 7			56 1		46 5		35 2		23 3						
		64 6			55 9		46 2		34 9		23 1						
		64 4			55 7		46 0		34 7		22 8						
		64 3			55 6		45 8		34 5		22 6						
		64 1			55 4		45 6		34 3		22 3						
		64 0			55 2		45 4		34 0		22 1						
		63 9			55 1		45 2		33 8		21 8						
		63 7			54 9		44 9		33 6		21 6						
		63 5			54 7		44 7		33 4		21 3						
		63 4			54 5		44 5		33 1		21 1						
		63 2			54 3		44 3		32 9		20 8						

-Temperature 77° F.

79

Temperature 78° F.

50

Temperature 78° F.

2 Fin. D.

GLASS HYDROMETER

A

Temperature 79° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	69.8	0	62.7	10	53.8	20	43.7	30	32.3				
2		12	69.7	2	62.5	12	53.7	22	43.5	32	32.0				
4		4	69.5	4	62.3	4	53.5	4	43.2	4	31.8				
6		6	69.1	6	62.2	6	53.3	6	43.0	6	31.6				
8		8	69.3	8	62.0	8	53.1	8	42.7	8	31.4				
1		11	69.1	1	61.8	11	52.9	21	42.5	31	31.1				
2		2	69.0	2	61.6	2	52.7	2	42.3	2	30.9				
4		4	68.9	4	61.4	4	52.5	4	42.0	4	30.7				
6		6	68.7	6	61.3	6	52.3	6	41.8	6	30.4				
8		8	68.6	8	61.1	8	52.1	8	41.6	8	30.2				
12	75.2	12	68.5	12	60.9	12	51.9	22	41.3	32	29.9				
2	75.1	2	68.4	2	60.7	2	51.7	2	41.1	2	29.7				
4	74.8	4	68.2	4	60.5	4	51.5	4	40.8	4	29.5				
6	74.7	6	68.1	6	60.4	6	51.3	6	40.6	6	29.3				
8	74.6	8	68.0	8	60.2	8	51.1	8	40.4	8	29.1				
3	74.4	13	67.9	3	60.0	13	50.9	23	40.2	33	28.8				
2	74.3	2	67.7	2	59.9	2	50.7	2	39.9	2	28.6				
4	74.1	4	67.6	4	59.7	4	50.5	4	39.7	4	28.4				
6	74.0	6	67.5	6	59.5	6	50.3	6	39.5	6	28.1				
8	73.8	8	67.3	8	59.3	8	50.1	8	39.3	8	27.9				
4	73.7	14	67.2	4	59.1	14	49.9	24	39.0	34	27.6				
2	73.6	2	67.1	2	59.0	2	49.7	2	38.8	2	27.4				
4	73.4	4	66.9	4	58.8	4	49.5	4	38.6	4	27.1				
6	73.3	6	66.8	6	58.7	6	49.3	6	38.4	6	26.9				
8	73.2	8	66.7	8	58.5	8	49.1	8	38.1	8	26.7				
5	73.0	15	66.5	5	58.3	15	48.9	25	37.9	35	26.4				
2	72.9	2	66.4	2	58.1	2	48.7	2	37.6	2	26.2				
4	72.8	4	66.2	4	58.0	4	48.5	4	37.4	4	25.9				
6	72.7	6	66.1	6	57.8	6	48.3	6	37.2	6	25.7				
8	72.5	8	66.0	8	57.6	8	48.1	8	37.0	8	25.4				
6	72.4	16	65.8	6	57.5	16	47.9	26	36.7	36	25.2				
2	72.3	2	65.7	2	57.3	2	47.7	2	36.5	2	24.9				
4	72.2	4	65.6	4	57.1	4	47.5	4	36.3	4	24.7				
6	72.0	6	65.4	6	56.9	6	47.3	6	36.1	6	24.4				
8	71.9	8	65.3	8	56.7	8	47.1	8	35.9	8	24.2				
7	71.8	17	65.1	7	56.5	17	46.9	27	35.7	37	23.9				
2	71.6	2	65.0	2	56.4	2	46.7	2	35.5	2	23.7				
4	71.5	4	64.8	4	56.2	4	46.5	4	35.3	4	23.1				
6	71.4	6	64.6	6	56.0	6	46.3	6	35.0	6	23.2				
8	71.2	8	64.5	8	55.8	8	46.1	8	34.8	8	22.9				
8	71.1	18	64.3	8	55.6	18	45.9	28	34.6	38	22.7				
2	71.0	2	64.2	2	55.5	2	45.7	2	34.3	2	22.4				
4	70.9	4	64.0	4	55.3	4	45.5	4	34.1	4	22.2				
6	70.8	6	63.9	6	55.1	6	45.2	6	33.9	6	21.9				
8	70.6	8	63.7	8	54.9	8	45.0	8	33.7	8	21.7				
9	70.5	19	63.5	9	54.7	19	44.8	29	33.4	39	21.4				
2	70.3	2	63.4	2	54.5	2	44.6	2	33.2	2	21.2				
4	70.2	4	63.2	4	54.3	4	44.4	4	32.9	4	20.9				
6	70.1	6	63.1	6	54.2	6	44.2	6	32.7	6	20.7				
8	69.9	8	62.9	8	54.0	8	43.9	8	32.5	8	20.4				
10		20	62.7	10	53.8	20	43.7	30	32.3	40	20.2				

GLASS HYDROMETER.

Temperature 79° F.

Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof
10	26 2	50	2 5	60	8 1	70	23 5	80	47 4	90	76 1				
1 1	19 0	4 4	3 5	4 4	9 4	4 4	25 2	4 4	47 2	4 4	76 6				
0 0	19 0	0 0	3 5	0 0	8 7	0 0	26 2	0 0	18 5	0 0	77 2				
8 8	19 4	8 8	5 6	8 8	9 1	8 8	26 6	8 8	19 0	8 8	77 7				
	19 4		5 3		9 4		27 0		19 5		78 3				
11	19 0	51	5 1	61	9 7	71	27 3	81	50 1	91	78 9				
2 2	19 7	2 2	4 9	2 2	10 6	2 2	27 7	2 2	50 6	2 2	79 5				
4 4	19 5	4 4	4 5	4 4	10 3	4 4	28 1	4 4	51 1	4 4	80 0				
0 0	19 2	0 0	4 2	0 0	10 7	0 0	28 4	0 0	51 7	0 0	80 6				
9 9	17 9	9 9	3 9	9 9	11 0	9 9	28 4	9 9	52 2	9 9	81 1				
42	17 0	52	3 0	62	11 3	72	29 2	82	52 7	92	81 7				
2 2	17 4	2 2	3 4	2 2	11 7	2 2	29 5	2 2	53 3	2 2	82 2				
4 4	17 1	4 4	3 1	4 4	12 0	4 4	30 0	4 4	53 9	4 4	82 8				
0 0	16 8	0 0	2 8	0 0	12 1	0 0	30 4	0 0	54 4	0 0	83 3				
8 8	16 5	8 8	2 5	8 8	12 7	8 8	30 8	8 8	55 0	8 8	83 9				
	16 2		2 2		13 1		31 3		55 5		84 4				
13	15 0	57	1 0	67	13 4	73	31 7	83	56 1	93	85 0				
2 2	15 7	2 2	1 7	2 2	13 8	2 2	32 2	2 2	56 7	2 2	85 5				
4 4	15 4	4 4	1 4	4 4	14 1	4 4	32 6	4 4	57 2	4 4	86 1				
0 0	15 1	0 0	1 1	0 0	14 1	0 0	33 0	0 0	57 7	0 0	86 6				
9 9	14 9	9 9	0 8	9 9	14 8	9 9	33 4	9 9	58 3	9 9	87 2				
41	14 0	51	0 5	64	15 2	71	33 9	84	58 8	91	87 7				
2 2	14 3	2 2	0 2	2 2	15 5	2 2	34 3	2 2	59 4	2 2	88 2				
4 4	14 3	4 4	0 2	4 4	15 8	4 4	34 8	4 4	60 0	4 4	88 7				
0 0	14 1	0 0	0 1	0 0	16 1	0 0	35 2	0 0	60 6	0 0	89 3				
8 8	13 8	8 8	0 3	8 8	16 5	8 8	35 7	8 8	61 1	8 8	89 8				
	13 5		0 6		16 9		36 1		61 7		90 3				
15	13 2	75	0 0	65	17 2	75	36 6	85	62 3	95	90 9				
2 2	13 0	2 2	1 2	2 2	17 5	2 2	36 9	2 2	62 8	2 2	91 4				
0 0	12 7	0 0	1 5	0 0	17 9	0 0	37 4	0 0	63 4	0 0	91 9				
8 8	12 4	8 8	1 7	8 8	18 3	8 8	37 9	8 8	64 0	8 8	92 4				
46	12 1	56	2 0	66	18 7	76	38 3	86	64 6	96	92 9				
2 2	11 8	2 2	2 3	2 2	19 0	2 2	38 8	2 2	65 2	2 2	93 4				
4 4	11 6	4 4	2 6	4 4	19 4	4 4	39 2	4 4	65 8	4 4	93 9				
0 0	11 3	0 0	2 9	0 0	19 8	0 0	39 7	0 0	66 4	0 0	94 5				
8 8	11 0	8 8	3 2	8 8	20 2	8 8	40 2	8 8	67 0	8 8	95 1				
	10 7		3 5		20 5		40 6		67 6		95 6				
17	10 4	57	3 8	67	20 9	77	41 1	87	68 2	97	96 2				
2 2	10 1	2 2	4 1	2 2	21 2	2 2	41 6	2 2	68 8	2 2	96 7				
4 4	9 9	4 4	4 4	4 4	21 6	4 4	42 1	4 4	69 4	4 4	97 2				
0 0	9 6	0 0	4 7	0 0	21 9	0 0	42 6	0 0	70 1	0 0	97 7				
8 8	9 3	8 8	5 0	8 8	22 3	8 8	43 0	8 8	70 7	8 8	98 2				
	9 0		5 3		22 6		43 5		71 3		98 8				
19	8 7	59	5 6	69	23 0	79	44 0	89	71 9	99	99 3				
2 2	8 4	2 2	5 9	2 2	23 3	2 2	44 5	2 2	72 5	2 2	99 8				
0 0	8 2	0 0	6 2	0 0	23 7	0 0	45 0	0 0	73 2	0 0	100 3				
8 8	8 0	8 8	6 5	8 8	24 0	8 8	45 5	8 8	73 8	8 8					
	7 9		6 8		24 4		46 0		74 4						
49	7 6	50	7 2	60	24 7	70	46 5	80	75 0	90					
2 2	7 3	2 2	7 5	2 2	25 1	2 2	47 0	2 2	75 6	2 2					
4 4	7 0	4 4	7 8	4 4	25 5	4 4		4 4	76 1	4 4					
0 0	6 7	0 0	8 1	0 0		0 0		0 0		0 0					
	6 5														

Temperature 80° F.

81

GLASS HYDROMETER.

Temperature 80° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	19 0	50	5 1	60	8 5	70	25 9	80	47 9	90	76 3				
2	19 0	12	5 8	2	8 8	2	26 12	2	48 4	2	76 9				
4	19 3	4	5 5	4	9 1	4	26 6	4	49 0	4	77 5				
6	19 1	6	5 2	6	9 6	6	27 0	6	49 5	6	78 0				
8	18 9	8	4 9	8	9 8	8	27 4	8	50 0	8	78 6				
41	18 6	51	4 7	61	10 1	71	27 7	81	50 5	91	79 2				
12	18 3	2	4 4	2	10 4	2	28 1	2	51 0	2	79 8				
4	18 0	4	4 1	4	10 7	4	28 5	4	51 0	4	80 3				
6	17 8	6	3 8	6	11 1	6	28 9	6	52 1	6	80 9				
8	17 5	8	3 5	8	11 4	8	29 3	8	52 6	8	81 4				
42	17 2	52	3 2	62	11 7	72	29 7	82	53 2	92	81 9				
2	17 0	2	3 0	2	12 1	2	30 1	2	53 8	2	82 5				
4	16 7	4	2 7	4	12 4	4	30 5	4	54 3	4	83 1				
6	16 4	6	2 4	6	12 8	6	30 9	6	54 8	6	83 6				
8	16 1	8	2 2	8	13 1	8	31 3	8	55 4	8	84 1				
43	15 8	53	1 9	63	13 4	73	31 8	83	56 0	93	84 6				
2	15 5	2	1 6	2	13 8	2	32 2	2	56 5	2	85 2				
4	15 3	4	1 3	4	14 2	4	32 6	4	57 1	4	85 7				
6	15 0	6	1 0	6	14 5	6	33 1	6	57 5	6	86 3				
8	14 7	8	0 7	8	14 8	8	33 5	8	58 2	8	86 8				
44	14 5	54	0 4	64	15 2	74	33 9	84	58 7	94	87 3				
2	14 2	2	0 1	2	15 5	2	34 4	2	59 3	2	87 9				
4	13 9	4	0 2	4	15 9	4	34 8	4	59 8	4	88 4				
6	13 7	6	0 4	6	16 2	6	35 3	6	60 4	6	88 9				
8	13 4	8	0 7	8	16 5	8	35 7	8	61 0	8	89 5				
45	13 1	55	1 6	65	16 9	75	36 1	85	61 5	95	90 0				
2	12 8	2	1 3	2	17 2	2	36 5	2	62 1	2	90 5				
4	12 6	4	1 0	4	17 6	4	36 9	4	62 6	4	91 1				
6	12 3	6	1 9	6	17 9	6	37 3	6	63 2	6	91 6				
8	12 0	8	2 1	8	18 3	8	37 8	8	63 8	8	92 1				
46	11 7	56	2 4	66	18 6	76	38 3	86	64 4	96	92 6				
2	11 4	2	2 7	2	19 0	2	38 8	2	65 0	2	93 2				
4	11 2	4	3 0	4	19 4	4	39 2	4	65 6	4	93 7				
6	10 9	6	3 3	6	19 8	6	39 7	6	66 2	6	94 2				
8	10 7	8	3 6	8	20 2	8	40 1	8	66 8	8	94 7				
47	10 3	57	3 9	67	20 6	77	40 6	87	67 4	97	95 3				
2	10 0	2	4 2	2	20 9	2	41 1	2	68 0	2	95 8				
4	9 7	4	4 5	4	21 3	4	41 6	4	68 6	4	96 3				
6	9 5	6	4 8	6	21 6	6	42 1	6	69 2	6	96 8				
8	9 2	8	5 1	8	22 0	8	42 5	8	69 8	8	97 4				
48	8 9	58	5 4	68	22 3	78	43 0	88	70 4	98	97 9				
2	8 6	2	5 7	2	22 7	2	43 5	2	71 0	2	98 4				
4	8 3	4	6 0	4	23 0	4	44 0	4	71 6	4	99 0				
6	8 0	6	6 3	6	23 3	6	44 4	6	72 2	6	99 5				
8	7 8	8	6 6	8	23 7	8	44 9	8	72 8	8	100 0				
49	7 5	59	6 9	69	24 1	79	45 3	89	73 4	99					
2	7 2	2	7 2	2	24 4	2	45 8	2	74 0	2					
4	6 9	4	7 0	4	24 8	4	46 4	4	74 6	4					
6	6 6	6	7 9	6	25 1	6	46 9	6	75 2	6					
8	6 3	8	8 2	8	25 5	8	47 4	8	75 8	8					
50	6 1	60	8 5	70	25 9	80	47 9	90	76 3	100					

GLASS HYDROMETER

A

Temperature 81° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	69.4	0	62.2	10	53.1	20	43.0	30	31.7
2		12	69.3	2	62.0	12	53.1	22	42.9	32	31.4
4		14	69.1	4	61.8	14	52.9	24	42.6	34	31.2
6		16	69.0	6	61.5	16	52.7	26	42.4	36	31.0
8		18	68.9	8	61.5	18	52.5	28	42.1	38	30.8
1		20	68.7	1	61.3	21	52.4	31	41.8	39	30.5
3		22	68.6	3	61.1	22	52.2	32	41.6	40	30.3
5		24	68.5	5	60.9	24	52.0	34	41.3	42	30.0
7		26	68.3	7	60.8	26	51.8	36	41.1	44	29.8
9		28	68.2	9	60.6	28	51.6	38	40.9	46	29.6
11		30	68.1	11	60.4	30	51.4	40	40.6	48	29.3
13		32	68.0	13	60.3	32	51.2	42	40.4	50	29.1
15		34	67.8	15	60.1	34	51.0	44	40.2	52	28.8
17		36	67.7	17	59.9	36	50.8	46	40.0	54	28.6
19		38	67.6	19	59.7	38	50.6	48	39.8	56	28.3
21		40	67.5	21	59.5	40	50.4	50	39.6	58	28.1
23		42	67.3	23	59.3	42	50.2	52	39.4	60	27.9
25		44	67.2	25	59.1	44	50.0	54	39.1	62	27.7
27		46	67.1	27	58.9	46	49.8	56	38.9	64	27.4
29		48	66.9	29	58.7	48	49.6	58	38.6	66	27.2
31		50	66.8	31	58.5	50	49.4	60	38.4	68	27.0
33		52	66.7	33	58.3	52	49.2	62	38.2	70	26.7
35		54	66.5	35	58.1	54	49.0	64	38.0	72	26.5
37		56	66.4	37	57.9	56	48.8	66	37.8	74	26.3
39		58	66.3	39	57.7	58	48.6	68	37.5	76	26.0
41		60	66.1	41	57.6	60	48.4	70	37.3	78	25.7
43		62	66.0	43	57.4	62	48.2	72	37.0	80	25.5
45		64	65.9	45	57.2	64	48.0	74	36.8	82	25.2
47		66	65.7	47	57.1	66	47.8	76	36.6	84	25.0
49		68	65.6	49	56.9	68	47.6	78	36.4	86	24.7
51		70	65.4	51	56.8	70	47.4	80	36.2	88	24.5
53		72	65.3	53	56.6	72	47.2	82	36.0	90	24.2
55		74	65.1	55	56.5	74	47.0	84	35.8	92	24.0
57		76	65.0	57	56.3	76	46.8	86	35.5	94	23.7
59		78	64.8	59	56.1	78	46.6	88	35.3	96	23.5
61		80	64.7	61	56.0	80	46.4	90	35.1	98	23.2
63		82	64.5	63	55.8	82	46.2	92	34.9	100	23.0
65		84	64.4	65	55.6	84	46.0	94	34.6		22.7
67		86	64.2	67	55.4	86	45.8	96	34.4		22.5
69		88	64.1	69	55.2	88	45.6	98	34.2		22.2
71		90	63.9	71	55.1	90	45.3	100	34.0		22.0
73		92	63.8	73	54.9		45.0		33.8		21.7
75		94	63.6	75	54.7		44.8		33.5		21.5
77		96	63.4	77	54.5		44.6		33.2		21.2
79		98	63.2	79	54.3		44.4		33.0		21.0
81		100	63.1	81	54.2		44.2		32.8		20.7
83			62.9	83	54.0		44.0		32.6		20.5
85			62.7	85	53.8		43.8		32.4		20.2
87			62.6	87	53.6		43.5		32.1		20.0
89			62.4	89	53.4		43.2		31.9		19.7
91			62.2	91	53.3		43.0		31.7		19.5

GLASS HYDROMETER

Temperature 81° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	19 5	50	5 6	60	8 8	70	26 12	80	48 3	90	76 5		
2	19 2	2	5 3	2	9 1	2	26 6	2	48 6	2	77 1		
4	19 0	4	5 0	4	9 4	4	26 9	4	49 3	4	77 7		
6	18 7	6	4 9	6	9 8	6	27 2	6	49 8	6	78 2		
8	18 5	8	4 6	8	10 1	8	27 7	8	50 3	8	78 8		
10	18 2	10	4 4	10	10 4	10	28 0	10	50 9	10	79 4		
12	18 0	12	4 1	12	10 7	12	28 4	12	51 4	12	80 0		
14	17 7	14	3 8	14	11 0	14	28 8	14	51 9	14	80 5		
16	17 5	16	3 5	16	11 4	16	29 2	16	52 5	16	81 1		
18	17 2	18	3 2	18	11 7	18	29 6	18	53 0	18	81 6		
20	17 0	20	3 0	20	12 0	20	30 0	20	53 6	20	82 1		
22	16 7	22	2 7	22	12 4	22	30 4	22	54 1	22	82 7		
24	16 4	24	2 4	24	12 7	24	30 8	24	54 6	24	83 2		
26	16 1	26	2 1	26	13 1	26	31 2	26	55 2	26	83 8		
28	15 8	28	1 8	28	13 4	28	31 6	28	55 8	28	84 3		
30	15 5	30	1 5	30	13 8	30	32 1	30	56 3	30	84 8		
32	15 2	32	1 2	32	14 2	32	32 5	32	56 8	32	85 4		
34	15 0	34	1 0	34	14 5	34	32 9	34	57 4	34	85 9		
36	14 7	36	0 7	36	14 8	36	33 4	36	57 9	36	86 4		
38	14 4	38	0 4	38	15 2	38	33 8	38	58 5	38	87 0		
40	14 2	40	0 1	40	15 5	40	34 2	40	59 0	40	87 5		
42	13 0	42	0 2	42	15 9	42	34 7	42	59 6	42	88 0		
44	13 6	44	0 3	44	16 2	44	35 2	44	60 1	44	88 6		
46	13 3	46	0 7	46	16 5	46	35 6	46	60 7	46	89 1		
48	13 0	48	1 0	48	16 9	48	36 0	48	61 3	48	89 6		
50	12 8	50	1 3	50	17 2	50	36 4	50	61 9	50	90 2		
52	12 5	52	1 6	52	17 6	52	36 9	52	62 4	52	90 7		
54	12 3	54	1 9	54	18 0	54	37 4	54	63 0	54	91 2		
56	12 0	56	2 2	56	18 3	56	37 8	56	63 5	56	91 7		
58	11 7	58	2 4	58	18 6	58	38 2	58	64 1	58	92 2		
60	11 4	60	2 7	60	19 0	60	38 7	60	64 7	60	92 8		
62	11 1	62	3 0	62	19 4	62	39 1	62	65 3	62	93 3		
64	10 9	64	3 3	64	19 8	64	39 6	64	65 9	64	93 8		
66	10 6	66	3 6	66	20 2	66	40 0	66	66 5	66	94 3		
68	10 3	68	3 9	68	20 5	68	40 5	68	67 1	68	94 8		
70	10 0	70	4 2	70	20 9	70	41 0	70	67 7	70	95 4		
72	9 7	72	4 5	72	21 2	72	41 5	72	68 3	72	95 9		
74	9 4	74	4 8	74	21 6	74	42 0	74	68 9	74	96 4		
76	9 2	76	5 1	76	21 9	76	42 5	76	69 5	76	96 9		
78	8 9	78	5 4	78	22 3	78	42 9	78	70 1	78	97 5		
80	8 6	80	5 7	80	22 6	80	43 4	80	70 7	80	98 0		
82	8 3	82	6 0	82	23 0	82	43 9	82	71 3	82	98 5		
84	8 0	84	6 3	84	23 3	84	44 4	84	71 9	84	99 1		
86	7 7	86	6 6	86	23 6	86	44 9	86	72 5	86	99 6		
88	7 5	88	6 9	88	24 0	88	45 4	88	73 1	88			
90	7 2	90	7 2	90	24 4	90	45 8	90	73 7	90			
92	6 9	92	7 5	92	24 7	92	46 3	92	74 3	92			
94	6 6	94	7 9	94	25 1	94	46 8	94	74 9	94			
96	6 3	96	8 2	96	25 5	96	47 3	96	75 5	96			
98	6 0	98	8 5	98	25 8	98	47 8	98	76 0	98			
100	5 8	100	8 8	100	26 2	100	48 3	100	76 5	100			

[GLASS HYDROMETER.

A

Temperature 82° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	63 2	0	62 0	10	53 0	20	42 6	30	31 4
2		2	69 1	2	61 8	2	52 9	2	42 4	2	31 1
4		4	68 0	4	61 6	4	52 7	4	42 2	4	30 9
6		6	68 8	6	61 4	6	52 5	6	42 0	6	30 7
8	75 2	8	68 7	8	61 2	8	52 3	8	41 7	8	30 5
1	75 1	11	68 5	1	61 1	11	52 1	21	41 5	31	30 3
2	73 0	12	68 4	2	60 9	2	51 9	2	41 2	2	30 0
4	74 8	4	68 3	4	60 7	4	51 7	4	41 0	4	29 8
6	74 7	6	68 1	6	60 5	6	51 5	6	40 8	6	29 6
8	74 6	8	68 0	8	60 4	8	51 3	8	40 6	8	29 4
2	74 4	12	67 9	2	60 2	12	51 1	22	40 4	32	29 1
4	74 3	2	67 8	2	60 0	2	50 9	2	40 2	2	28 9
6	74 2	4	67 6	4	59 8	4	50 7	4	40 0	4	28 6
8	74 1	6	67 5	6	59 6	6	50 5	6	39 7	6	28 4
2	73 9	8	67 4	8	59 4	8	50 3	8	39 5	8	28 1
3	73 8	13	67 3	3	59 2	13	50 0	23	39 3	33	27 0
4	73 7	2	67 1	2	59 1	2	49 8	2	39 0	2	27 6
6	73 5	4	67 0	4	58 9	4	49 6	4	38 8	4	27 4
8	73 4	6	66 9	6	58 8	6	49 4	6	38 6	6	27 1
2	73 2	8	66 7	8	58 6	8	49 2	8	38 4	8	26 9
4	73 1	14	66 6	4	58 4	14	49 0	24	38 1	34	26 7
2	73 0	2	66 5	2	58 2	2	48 8	2	37 9	2	26 4
4	72 8	4	66 3	4	58 0	4	48 6	4	37 6	4	26 2
6	72 7	6	66 2	6	57 8	6	48 4	6	37 4	6	25 0
8	72 6	8	66 1	8	57 7	8	48 2	8	37 2	8	25 7
2	72 4	15	66 0	2	57 6	15	48 0	25	37 0	35	25 4
4	72 3	2	65 8	2	57 4	2	47 8	2	36 8	2	25 2
6	72 2	4	65 7	4	57 2	4	47 6	4	36 5	4	24 9
8	72 1	6	65 5	6	57 0	6	47 4	6	36 3	6	24 7
2	71 9	8	65 4	8	56 8	8	47 2	8	36 1	8	24 4
6	71 8	10	65 3	6	56 7	16	47 0	26	35 9	36	24 2
2	71 7	2	65 1	2	56 6	2	46 8	2	35 7	2	23 9
4	71 6	4	64 9	4	56 4	4	46 6	4	35 4	4	23 7
6	71 4	6	64 8	6	56 2	6	46 4	6	35 2	6	23 4
8	71 3	8	64 6	8	56 0	8	46 2	8	35 0	8	23 2
2	71 2	17	64 5	2	55 8	17	46 0	27	34 8	37	22 9
4	71 0	2	64 3	2	55 6	2	45 8	2	34 6	2	22 7
6	70 9	4	64 2	4	55 4	4	45 6	4	34 4	4	22 4
8	70 8	6	64 0	6	55 2	6	45 4	6	34 2	6	22 2
2	70 6	8	63 9	8	55 0	8	45 2	8	33 9	8	21 9
8	70 5	18	63 7	8	54 8	18	45 0	28	33 6	38	21 7
2	70 4	2	63 5	2	54 6	2	44 8	2	33 4	2	21 4
4	70 3	4	63 4	4	54 5	4	44 6	4	33 2	4	21 2
6	70 1	6	63 2	6	54 3	6	44 4	6	33 0	6	20 9
8	70 0	8	63 0	8	54 2	8	44 2	8	32 7	8	20 7
9	69 9	19	62 9	9	54 0	19	44 0	29	32 5	39	20 4
2	69 7	2	62 7	2	53 8	2	43 7	2	32 3	2	20 2
4	69 6	4	62 5	4	53 6	4	43 5	4	32 0	4	19 9
6	69 5	6	62 4	6	53 4	6	43 2	6	31 8	6	19 7
8	69 3	8	62 2	8	53 2	8	42 9	8	31 6	8	19 4
10	69 2	20	62 0	10	53 0	20	42 6	30	31 4	40	19 2

GLASS HYDROMETER.

Temperature 82° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	13 2	50	5 4	60	9 2	70	26 6	80	48 6	90	76 8				
2	18 9	2	5 9	2	9 6	2	27 0	2	49 1	2	77 3				
4	18 6	4	4 6	4	9 8	4	27 3	4	49 6	4	77 9				
6	18 4	6	4 6	6	10 2	6	27 7	6	50 2	6	78 4				
8	18 2	8	4 3	8	10 6	8	24 1	8	50 7	8	79 0				
41	17 9	51	4 0	61	10 8	71	24 4	81	51 2	91	79 6				
2	17 7	2	3 8	2	11 1	2	28 8	2	51 7	2	80 2				
4	17 4	4	3 5	4	11 4	4	29 2	4	52 3	4	80 7				
6	17 2	6	3 2	6	11 8	6	29 6	6	52 8	6	81 3				
8	16 9	8	2 9	8	12 1	8	30 0	8	53 3	8	81 8				
42	16 6	52	2 6	62	12 4	72	30 4	82	53 9	92	82 3				
2	16 4	2	2 3	2	12 8	2	30 8	2	54 4	2	82 9				
4	16 1	4	2 0	4	13 1	4	31 2	4	55 0	4	83 4				
6	15 8	6	1 8	6	13 5	6	31 6	6	55 5	6	84 0				
8	15 5	8	1 5	8	13 8	8	32 0	8	56 0	8	84 5				
43	15 2	53	1 2	63	14 2	73	32 5	83	56 6	93	85 0				
2	14 9	2	0 9	2	14 5	2	32 9	2	57 2	2	85 6				
4	14 7	4	0 6	4	14 9	4	33 3	4	57 7	4	86 1				
6	14 4	6	0 3	6	15 2	6	33 8	6	58 3	6	86 6				
8	14 1	8		8	15 6	8	34 2	8	58 8	8	87 2				
44	13 9	54	0 2	64	15 9	74	34 6	84	59 4	94	87 7				
2	13 6	2	0 5	2	16 3	2	35 1	2	59 9	2	88 2				
4	13 3	4	0 8	4	16 6	4	35 6	4	60 5	4	88 8				
6	13 1	6	1 1	6	17 0	6	36 0	6	61 0	6	89 3				
8	12 8	8	1 4	8	17 3	8	36 4	8	61 6	8	89 8				
45	12 5	55	1 7	65	17 6	75	36 8	85	62 2	95	90 4				
2	12 2	2	2 0	2	18 0	2	37 3	2	62 8	2	90 9				
4	11 9	4	2 2	4	18 3	4	37 8	4	63 4	4	91 4				
6	11 7	6	2 5	6	18 6	6	38 2	6	63 9	6	91 9				
8	11 4	8	2 8	8	19 0	8	39 6	8	64 5	8	92 4				
46	11 1	56	3 1	66	19 4	76	39 1	86	65 1	96	93 0				
2	10 8	2	3 4	2	19 8	2	39 5	2	65 7	2	93 5				
4	10 5	4	3 7	4	20 1	4	40 0	4	66 3	4	94 0				
6	10 3	6	4 0	6	20 5	6	40 4	6	66 8	6	94 5				
8	10 0	8	4 3	8	20 8	8	40 9	8	67 4	8	95 0				
47	9 7	57	4 6	67	21 2	77	41 4	87	68 0	97	95 6				
2	9 4	2	4 9	2	21 6	2	41 9	2	68 6	2	96 1				
4	9 1	4	5 2	4	22 0	4	42 4	4	69 3	4	96 6				
6	8 8	6	5 5	6	22 3	6	42 8	6	69 9	6	97 1				
8	8 6	8	5 8	8	22 7	8	43 2	8	70 5	8	97 7				
48	8 3	58	6 1	68	23 0	78	43 7	88	71 1	98	98 2				
2	8 0	2	6 4	2	23 4	2	44 2	2	71 7	2	98 7				
4	7 7	4	6 7	4	23 7	4	44 7	4	72 2	4	99 3				
6	7 4	6	7 0	6	24 0	6	45 1	6	72 8	6	99 8				
8	7 1	8	7 3	8	24 4	8	45 6	8	73 4	8					
49	6 9	59	7 6	69	24 8	79	46 1	89	74 0	99					
2	6 6	2	7 9	2	25 1	2	46 6	2	74 6	2					
4	6 3	4	8 3	4	25 5	4	47 1	4	75 2	4					
6	6 0	6	8 6	6	25 9	6	47 5	6	75 8	6					
8	5 7	8	8 9	8	26 2	8	48 1	8	76 3	8					
50	5 4	60	9 2	70	26 6	80	48 6	90	76 8	100					

Temperature 83° F.

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GLASS HYDROMETER

Temperature 83° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	18 9	50	5 1	60	9 5	70	27 0	80	49 0	90	77 0				
12	18 6	12	4 8	2	9 8	12	27 4	12	49 5	2	77 5				
4	18 3	4	4 6	4	10 1	4	27 7	4	50 0	4	78 1				
5	18 1	5	4 5	6	10 5	6	28 1	6	50 5	6	78 6				
8	17 9	8	3 9	8	10 8	8	28 4	8	51 0	8	79 2				
41	17 5	51	3 7	61	11 1	71	28 8	81	51 5	91	79 6				
2	17 3	2	3 4	2	11 4	2	29 2	2	52 0	2	80 4				
4	17 0	4	3 1	4	11 9	4	29 6	4	52 5	4	80 9				
6	16 8	6	2 8	6	12 1	6	30 0	6	53 1	6	81 5				
8	16 5	8	2 5	8	12 4	8	30 4	8	53 6	8	82 0				
42	16 2	52	2 2	62	12 8	72	30 8	82	54 2	92	82 5				
2	16 0	2	2 0	2	13 1	2	31 2	2	54 7	2	83 1				
4	15 7	4	1 7	4	13 4	4	31 6	4	55 3	4	83 6				
6	15 4	6	1 4	6	13 8	6	32 0	6	55 8	6	84 2				
8	15 2	8	1 1	8	14 1	8	32 4	8	56 4	8	84 7				
43	14 9	53	0 8	63	14 5	73	32 8	83	57 0	93	85 2				
2	14 6	2	0 6	2	14 9	2	33 2	2	57 6	2	85 8				
4	14 4	4	0 2	4	15 2	4	33 7	4	58 2	4	86 3				
6	14 1	6	0 1	6	15 6	6	34 1	6	58 7	6	86 8				
9	13 8	9	0 3	9	15 9	9	34 6	9	59 2	9	87 4				
44	13 6	54	0 6	64	16 2	74	35 0	84	59 7	94	87 9				
2	13 2	2	0 9	2	16 6	2	35 5	2	60 2	2	88 4				
4	13 0	4	1 2	4	17 0	4	36 0	4	60 8	4	89 0				
6	12 7	6	1 4	6	17 3	6	36 4	6	61 4	6	89 5				
9	12 4	9	1 7	9	17 6	9	36 8	9	62 0	9	90 0				
45	12 1	55	2 0	65	18 0	75	37 2	85	62 6	95	90 6				
2	11 8	2	2 3	2	18 3	2	37 7	2	63 1	2	91 1				
4	11 6	4	2 6	4	18 7	4	38 1	4	63 7	4	91 6				
6	11 3	6	2 9	6	19 0	6	38 6	6	64 2	6	92 1				
8	11 0	8	3 1	8	19 4	8	39 0	8	64 8	8	92 6				
46	10 7	56	3 4	66	19 8	76	39 5	86	65 4	96	93 2				
2	10 4	2	3 7	2	20 2	2	39 9	2	66 0	2	93 7				
4	10 2	4	4 0	4	20 5	4	40 4	4	66 6	4	94 2				
6	9 9	6	4 3	6	20 9	6	40 8	6	67 1	6	94 7				
8	9 6	8	4 6	8	21 2	8	41 3	8	67 7	8	95 2				
47	9 3	57	4 9	67	21 6	77	41 8	87	68 4	97	95 8				
12	9 0	12	5 2	2	21 9	2	42 2	2	69 0	2	96 3				
4	8 7	4	5 5	4	22 3	4	42 7	4	69 6	4	96 8				
6	8 5	6	5 8	6	22 6	6	43 2	6	70 2	6	97 3				
8	8 2	8	6 1	8	23 0	8	43 6	8	70 8	8	97 9				
48	7 9	58	6 4	68	23 3	78	44 1	88	71 4	98	98 4				
2	7 6	2	6 7	2	23 7	2	44 6	2	72 0	2	98 9				
4	7 3	4	7 0	4	24 1	4	45 1	4	72 5	4	99 4				
6	7 0	6	7 3	6	24 4	6	45 5	6	73 1	6	99 9				
8	6 8	8	7 6	8	24 8	8	46 0	8	73 6	8					
49	6 5	59	7 9	69	25 2	79	46 5	89	74 2	99					
12	6 2	12	8 2	2	25 5	2	47 0	2	74 8	2					
4	5 9	4	8 6	4	25 9	4	47 5	4	75 4	4					
6	5 6	6	8 9	6	26 3	6	48 0	6	76 0	6					
8	5 3	8	9 2	8	26 6	8	48 5	8	76 5	8					
50	5 1	60	9 5	70	27 0	80	49 0	90	77 0	100					

GLASS HYDROMETER.

A

Temperature 84° F.

Dive on Stem A	Per cent. over Proof	Dive on Stem. A	Per cent. over Proof	Dive on Stem.	Per cent. over Proof	Dive on Stem.	Per cent. over Proof	Dive on Stem	Per cent. over Proof	Dive on Stem.	Per cent. over Proof
0		10	68 8	0	61 5	10	52 4	20	42 0	30	30 8
2		2	68 7	2	61 3	2	52 3	2	41 8	2	30 6
4	75 2	4	68 5	4	61 1	4	52 2	4	41 6	4	30 4
6	75 1	6	68 4	6	60 9	6	52 0	6	41 3	6	30 1
8	75 0	8	68 3	8	60 7	8	51 8	8	41 1	8	29 9
1	74 8	11	68 1	1	60 6	11	51 6	21	40 9	31	29 7
2	74 7	2	68 0	2	60 4	2	51 4	2	40 6	2	29 6
4	74 6	4	67 9	4	60 2	4	51 2	4	40 4	4	29 3
6	74 4	6	67 7	6	60 0	6	51 0	6	40 2	6	29 0
8	74 2	8	67 6	8	59 8	8	50 8	8	40 0	8	28 8
2	74 0	12	67 5	2	59 7	12	50 6	22	39 8	32	28 6
2	73 9	2	67 4	2	59 6	2	50 4	2	39 6	2	28 3
4	73 8	4	67 2	4	59 4	4	50 2	4	39 4	4	28 1
6	73 7	6	67 1	6	59 2	6	49 9	6	39 1	6	27 8
8	73 5	8	67 0	8	59 0	8	49 7	8	38 9	8	27 6
3	73 4	13	66 9	3	58 8	13	49 5	23	38 8	33	27 4
2	73 3	2	66 7	2	58 6	2	49 3	2	38 4	2	27 1
4	73 1	4	66 6	4	58 4	4	49 1	4	38 2	4	26 9
6	73 0	6	66 5	6	58 2	6	48 9	6	38 0	6	26 6
8	72 8	8	66 3	8	58 0	8	48 7	8	37 7	8	26 4
4	72 7	14	66 2	4	57 9	14	48 5	24	37 5	34	26 1
2	72 6	2	66 0	2	57 8	2	48 3	2	37 3	2	25 9
4	72 4	4	65 9	4	57 6	4	48 1	4	37 0	4	25 7
6	72 3	6	65 7	6	57 4	6	47 9	6	36 8	6	25 4
8	72 2	8	65 6	8	57 2	8	47 7	8	36 6	8	25 2
5	72 0	15	65 4	5	57 0	15	47 5	25	36 4	35	24 9
2	71 9	2	65 3	2	56 9	2	47 3	2	36 2	2	24 7
4	71 8	4	65 1	4	56 8	4	47 1	4	36 0	4	24 4
6	71 7	6	65 0	6	56 6	6	46 9	6	35 7	6	24 2
8	71 5	8	64 8	8	56 4	8	46 7	8	35 5	8	23 9
0	71 4	10	64 7	0	56 2	10	46 5	20	35 3	30	23 7
2	71 3	2	64 5	2	56 0	2	46 3	2	35 1	2	23 4
4	71 2	4	64 4	4	55 8	4	46 1	4	34 8	4	23 2
6	71 0	6	64 3	6	55 6	6	45 9	6	34 6	6	22 9
8	70 9	8	64 2	8	55 4	8	45 6	8	34 4	8	22 7
7	70 8	17	64 1	7	55 2	17	45 4	27	34 2	37	22 4
2	70 6	2	63 9	2	55 0	2	45 2	2	34 0	2	22 2
4	70 5	4	63 7	4	54 9	4	45 0	4	33 8	4	21 9
6	70 4	6	63 6	6	54 8	6	44 8	6	33 6	6	21 7
8	70 2	8	63 4	8	54 6	8	44 6	8	33 3	8	21 4
8	70 1	18	63 2	8	54 4	18	44 4	28	33 1	38	21 2
2	70 0	2	63 1	2	54 2	2	44 2	2	32 9	2	20 9
4	69 9	4	62 9	4	54 0	4	44 0	4	32 6	4	20 7
6	69 7	6	62 7	6	53 8	6	43 8	6	32 4	6	20 4
8	69 6	8	62 5	8	53 6	8	43 5	8	32 1	8	20 2
9	69 5	19	62 4	9	53 4	19	43 2	29	31 9	39	19 9
2	69 3	2	62 2	2	53 2	2	43 0	2	31 7	2	19 7
4	69 2	4	62 0	4	53 0	4	42 8	4	31 4	4	19 4
6	69 1	6	61 8	6	52 8	6	42 6	6	31 2	6	19 1
8	68 9	8	61 6	8	52 6	8	42 3	8	31 0	8	18 9
10	68 8	20	61 5	10	52 4	20	42 0	30	30 8	40	18 6

GLASS HYDROMETER.

Temperature 84° F.

Days on Stem	Per cent. over Proof	Days on Stem	Per cent. over Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof
40	18 6	50	4 7	60	9 9	70	27 4	80	40 4	90	77 3				
12	18 3	2	4 5	12	10 2	12	27 9	12	49 9	12	77 8				
4	18 0	4	4 2	4	10 5	4	28 1	4	50 4	4	78 3				
6	17 8	6	3 9	6	10 9	6	28 5	6	50 9	6	78 8				
8	17 5	8	3 6	8	11 2	8	28 8	8	51 4	8	79 4				
41	17 2	51	3 3	61	11 6	71	29 12	81	51 0	91	80 0				
2	17 0	2	3 1	2	11 8	2	29 6	2	52 4	2	80 6				
4	16 7	4	2 8	4	12 2	4	30 0	4	53 0	4	81 1				
6	16 5	6	2 5	6	12 5	6	30 4	6	53 5	6	81 7				
8	16 2	8	2 2	8	12 8	8	30 8	8	54 0	8	82 2				
42	15 9	52	1 9	62	13 12	72	31 2	82	54 5	92	82 7				
2	15 7	2	1 6	2	13 5	2	31 6	2	55 0	2	83 3				
4	15 4	4	1 4	4	13 8	4	32 0	4	55 5	4	83 8				
6	15 1	6	1 1	6	14 2	6	32 4	6	56 2	6	84 4				
8	14 9	8	0 8	8	14 5	8	32 8	8	56 8	8	84 9				
43	14 6	53	0 5	63	14 9	73	33 2	83	57 3	93	85 4				
2	14 3	2	0 2	2	15 2	2	33 6	2	57 9	2	86 0				
4	14 1	4	0 1	4	15 6	4	34 1	4	58 4	4	86 5				
6	13 8	6	0 4	6	15 9	6	34 5	6	59 0	6	87 0				
8	13 5	8	0 7	8	16 3	8	35 0	8	59 5	8	87 5				
44	13 2	54	0 0	64	16 6	74	35 4	84	60 0	94	88 1				
2	12 0	2	1 2	2	17 0	2	35 9	2	60 0	2	88 6				
4	12 7	4	1 5	4	17 3	4	36 4	4	61 1	4	89 2				
6	12 4	6	1 8	6	17 7	6	36 8	6	61 6	6	89 7				
8	12 1	8	2 1	8	18 0	8	37 2	8	62 2	8	90 2				
45	11 8	55	1 4	65	18 4	75	37 6	85	62 8	95	90 8				
2	11 5	2	2 7	2	18 7	2	38 1	2	63 4	2	91 3				
4	11 2	4	2 9	4	19 1	4	38 6	4	64 0	4	91 8				
6	11 0	6	3 2	6	19 4	6	39 0	6	64 5	6	92 3				
8	10 7	8	3 5	8	19 8	8	39 4	8	65 1	8	92 8				
46	10 4	56	3 8	66	20 1	76	39 8	86	65 7	96	93 4				
2	10 1	2	4 1	2	20 5	2	40 2	2	66 2	2	93 9				
4	9 8	4	4 4	4	20 8	4	40 7	4	66 8	4	94 4				
6	9 6	6	4 7	6	21 2	6	41 2	6	67 4	6	94 9				
8	9 3	8	5 0	8	21 5	8	41 7	8	68 0	8	95 4				
47	9 0	57	5 3	67	21 9	77	42 2	87	68 6	97	96 0				
2	8 7	2	5 6	2	22 3	2	42 6	2	69 3	2	96 5				
4	8 4	4	5 9	4	22 6	4	43 0	4	70 5	4	97 0				
6	8 1	6	6 2	6	23 0	6	43 5	6	71 1	6	97 5				
8	7 9	8	6 5	8	23 4	8	44 0	8	71 7	8	98 1				
48	7 6	58	6 9	68	23 7	78	44 5	88	72 3	98	98 6				
2	7 3	2	7 1	2	24 1	2	45 0	2	72 8	2	99 1				
4	7 0	4	7 4	4	24 5	4	45 5	4	73 4	4	99 6				
6	6 7	6	7 7	6	24 8	6	45 9	6	73 9	6					
8	6 4	8	8 0	8	25 2	8	46 4	8	74 5	8					
49	6 2	59	8 3	69	25 6	79	46 9	89	75 0	99					
2	5 9	2	8 6	2	25 9	2	47 4	2	75 6	2					
4	5 6	4	9 0	4	26 3	4	47 9	4	76 2	4					
6	5 3	6	9 3	6	26 7	6	48 4	6	76 7	6					
8	5 0	8	9 6	8	27 0	8	48 9	8	77 3	8					
50	4 7	60	9 9	70	27 4	80	49 4	90		100					

GLASS HYDROMETER

A

Temperature 85° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0	73 1	10	68 5	0	61 1	10	52 3	20	41 7	30	30 4		
2	75 0	2	68 4	2	60 9	2	52 1	2	41 5	2	30 2		
4	74 8	4	68 3	4	60 8	4	51 9	4	41 2	4	30 0		
6	74 7	6	68 2	6	60 6	6	51 7	6	41 0	6	29 9		
8	74 6	8	68 0	8	60 4	8	51 5	8	40 8	8	29 6		
1	74 5	11	67 9	1	60 1	11	51 3	11	40 6	11	29 3		
2	74 3	2	67 8	2	60 1	2	51 1	2	40 4	2	29 1		
4	74 2	4	67 7	4	60 0	4	50 9	4	40 1	4	28 0		
6	74 1	6	67 5	6	59 9	6	50 7	6	39 9	6	28 6		
8	73 9	8	67 4	8	59 6	8	50 4	8	39 7	8	28 4		
10	73 8	12	67 3	10	59 4	12	50 2	12	39 5	12	28 2		
2	73 6	2	67 1	2	59 2	2	50 0	2	39 3	2	27 0		
4	73 5	4	67 0	4	59 0	4	49 9	4	39 0	4	27 7		
6	73 4	6	66 9	6	58 9	6	49 6	6	38 8	6	27 7		
8	73 2	8	66 7	8	58 8	8	49 4	8	38 6	8	27 2		
2	73 1	13	66 6	2	58 6	13	49 2	13	38 3	13	27 0		
4	73 0	2	66 5	4	58 4	2	49 0	2	38 1	2	26 8		
6	72 8	4	66 3	6	58 2	4	48 8	4	37 9	4	26 5		
8	72 7	6	66 2	8	58 0	6	48 6	6	37 6	6	26 3		
10	72 6	8	66 0	10	57 8	8	48 4	8	37 4	8	26 0		
2	72 5	14	65 9	2	57 7	14	48 2	14	37 2	14	25 8		
4	72 3	2	65 7	4	57 5	2	48 0	2	37 0	2	25 5		
6	72 2	4	65 6	6	57 3	4	47 8	4	36 8	4	25 3		
8	72 1	6	65 4	8	57 1	6	47 6	6	36 5	6	25 0		
10	72 0	8	65 3	10	57 0	8	47 4	8	36 3	8	24 8		
2	71 8	15	65 1	2	56 8	15	47 2	15	36 1	15	24 5		
4	71 7	2	65 0	4	56 6	2	47 0	2	35 9	2	24 3		
6	71 6	4	64 8	6	56 4	4	46 8	4	35 7	4	24 0		
8	71 4	6	64 7	8	56 2	6	46 6	6	35 4	6	23 8		
10	71 3	8	64 5	10	56 0	8	46 4	8	35 2	8	23 5		
2	71 2	10	64 4	2	55 9	10	46 2	10	35 0	10	23 3		
4	71 0	2	64 2	4	55 7	2	46 0	2	34 8	2	23 0		
6	70 9	4	64 1	6	55 6	4	45 8	4	34 5	4	22 8		
8	70 8	6	63 9	8	55 3	6	45 6	6	34 3	6	22 5		
10	70 7	8	63 8	10	55 2	8	45 4	8	34 1	8	22 3		
2	70 5	17	63 6	2	55 0	17	45 2	17	33 9	17	22 0		
4	70 4	2	63 4	4	54 8	2	45 0	2	33 7	2	21 8		
6	70 3	4	63 3	6	54 6	4	44 8	4	33 4	4	21 5		
8	70 1	6	63 1	8	54 4	6	44 6	6	33 2	6	21 3		
10	70 0	8	62 9	10	54 2	8	44 4	8	33 0	8	21 0		
2	69 9	18	62 8	2	54 1	18	44 2	18	32 8	18	20 8		
4	69 7	2	62 6	4	54 0	2	44 0	2	32 5	2	20 5		
6	69 6	4	62 4	6	53 8	4	43 7	4	32 3	4	20 3		
8	69 5	6	62 3	8	53 6	6	43 4	6	32 0	6	20 0		
10	69 3	8	62 1	10	53 4	8	43 2	8	31 8	8	19 8		
2	69 2	19	61 9	2	53 2	19	42 9	19	31 6	19	19 5		
4	69 1	2	61 8	4	53 0	2	42 7	2	31 4	2	19 3		
6	68 9	4	61 6	6	52 8	4	42 4	4	31 1	4	19 0		
8	68 8	6	61 4	8	52 6	6	42 2	6	30 9	6	18 7		
10	68 7	8	61 3	10	52 4	8	42 0	8	30 7	8	18 5		
2	68 5	20	61 1	2	52 3	20	41 7	20	30 4	20	19 2		

GLASS HYDROMETER.

Temperature 85° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	18 2	50	4 3	60	10 3	70	25 8	80	49 8	90	77 6		
12	19 0	12	4 1	12	10 6	12	28 1	12	50 3	12	78 0		
4	17 7	4	3 8	4	10 9	4	23 5	4	50 8	4	78 6		
6	17 5	6	3 6	6	11 3	6	28 8	6	51 3	6	79 1		
8	17 2	8	3 3	8	11 6	8	29 2	8	51 8	8	79 7		
41	10 9	51	3 0	61	11 9	71	29 6	81	52 3	91	80 2		
12	16 7	2	2 7	2	12 2	2	30 0	2	52 8	2	80 8		
4	16 4	4	2 4	4	12 6	4	30 4	4	53 3	4	81 3		
6	16 1	6	2 1	6	12 9	6	30 8	6	53 8	6	81 9		
8	15 8	8	1 8	8	13 2	8	31 2	8	54 4	8	82 4		
42	15 5	52	1 5	62	13 6	72	31 6	82	54 9	92	82 9		
2	15 3	2	1 2	2	13 9	2	32 0	2	55 4	2	83 3		
4	15 0	4	0 9	4	14 2	4	32 4	4	56 0	4	84 0		
6	14 7	6	0 7	6	14 6	6	32 9	6	56 6	6	84 6		
8	14 5	8	0 4	8	14 9	8	33 2	8	57 1	8	85 1		
43	14 2	53	0 1	63	15 3	73	33 6	83	57 6	93	85 6		
2	13 0	2	0 2	2	15 6	2	34 0	2	58 2	2	86 2		
4	13 7	4	0 4	4	16 0	4	34 5	4	58 8	4	86 7		
6	13 4	6	0 7	6	16 3	6	34 9	6	59 3	6	87 2		
8	13 1	8	1 0	8	16 6	8	35 4	8	59 8	8	87 8		
44	12 8	54	1 3	64	17 0	74	35 8	84	60 3	94	88 3		
2	12 5	2	1 6	2	17 4	2	36 3	2	60 9	2	88 9		
4	12 3	4	1 9	4	17 7	4	36 7	4	61 3	4	89 4		
6	12 0	6	2 2	6	18 0	6	37 1	6	62 0	6	89 9		
8	11 7	8	2 5	8	18 4	8	37 6	8	62 6	8	90 4		
45	11 4	55	2 8	65	18 7	75	38 0	85	63 2	95	91 0		
2	11 1	2	3 1	2	19 1	2	38 5	2	63 8	2	91 5		
4	10 8	4	3 3	4	19 4	4	38 9	4	64 3	4	92 0		
6	10 6	6	3 6	6	19 8	6	39 3	6	64 9	6	92 5		
8	10 3	8	3 9	8	20 2	8	39 8	8	65 5	8	93 0		
46	10 0	70	4 2	66	20 5	76	40 3	86	66 1	96	93 6		
2	9 7	2	4 5	2	20 9	2	40 7	2	66 6	2	94 1		
4	9 4	4	4 8	4	21 2	4	41 2	4	67 2	4	94 6		
6	9 2	6	5 1	6	21 6	6	41 6	6	67 8	6	95 1		
8	8 9	8	5 4	8	21 9	8	42 1	8	68 4	8	95 6		
47	8 6	57	5 7	67	22 3	77	42 6	87	69 0	97	96 2		
2	8 3	2	6 0	2	22 7	2	43 0	2	69 5	2	96 7		
4	8 0	4	6 3	4	23 0	4	43 5	4	70 1	4	97 2		
6	7 7	6	6 6	6	23 4	6	43 9	6	70 7	6	97 7		
8	7 5	8	6 9	8	23 8	8	44 6	8	71 3	8	98 3		
48	7 2	59	7 2	69	24 1	79	44 9	89	71 9	99	98 8		
2	6 9	2	7 5	2	24 5	2	45 4	2	72 5	2	99 3		
4	6 6	4	7 8	4	24 9	4	45 8	4	73 1	4	99 8		
6	6 3	6	8 1	6	25 2	6	46 3	6	73 7	6			
8	6 0	8	8 4	8	25 6	8	46 9	8	74 2	8			
49	5 8	50	8 7	60	26 0	70	47 2	80	74 8	90			
2	5 5	2	9 0	2	26 3	2	47 7	2	75 3	2			
4	5 2	4	9 4	4	26 7	4	48 2	4	75 9	4			
6	4 9	6	9 7	6	27 1	6	48 8	6	76 5	6			
8	4 6	8	10 0	8	27 4	8	49 3	8	77 0	8			
50	4 2	60	10 3	70	27 8	80	49 8	90	77 6	100			

GLASS HYDROMETER.

A

Temperature 86° F.

Divs. on Stem A	Per cent over Proof	Divs. on Stem A	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof
0	75 0	10	68 4	0	60 9	10	52 0	20	41 4	30	30 2		
12	74 9	12	68 3	12	60 7	2	51 8	2	41 2	2	30 0		
1	74 7	4	68 2	4	60 6	4	51 6	4	41 0	4	29 7		
6	74 6	6	68 1	6	60 4	6	51 4	6	40 7	6	29 5		
8	74 4	8	67 9	8	60 2	8	51 2	8	40 5	8	29 3		
1	74 3	11	67 8	1	60 1	11	51 0	11	40 3	11	29 0		
2	74 2	2	67 7	2	59 9	2	50 8	2	40 0	2	28 8		
4	74 0	4	67 5	4	59 7	4	50 6	4	39 8	4	28 6		
6	73 9	6	67 4	6	59 5	6	50 4	6	39 6	6	28 3		
8	73 8	8	67 3	8	59 4	8	50 2	8	39 4	8	28 1		
12	73 6	12	67 1	12	59 2	12	50 0	12	39 2	12	27 9		
2	73 5	12	66 9	2	59 0	2	49 8	2	39 0	2	27 6		
4	73 4	4	66 8	4	58 8	4	49 6	4	38 7	4	27 4		
6	73 3	6	66 7	6	58 7	6	49 4	6	38 5	6	27 2		
8	73 1	8	66 5	8	58 5	8	49 2	8	38 2	8	26 9		
3	73 0	13	66 4	3	58 3	13	49 0	13	38 0	13	26 7		
2	72 9	12	66 3	2	58 1	2	48 8	2	37 8	2	26 5		
4	72 7	4	66 1	4	58 0	4	48 6	4	37 6	4	26 2		
6	72 6	6	66 0	6	57 8	6	48 4	6	37 3	6	26 0		
8	72 6	8	65 8	8	57 6	8	48 2	8	37 1	8	25 7		
4	72 4	14	65 7	4	57 4	14	48 0	14	36 9	14	25 5		
2	72 2	2	65 5	2	57 3	2	47 8	2	36 7	2	25 2		
4	72 1	4	65 4	4	57 1	4	47 6	4	36 4	4	25 0		
6	72 0	6	65 2	6	56 9	6	47 4	6	36 2	6	24 7		
8	71 8	8	65 1	8	56 7	8	47 2	8	36 0	8	24 5		
5	71 7	15	64 9	5	56 6	15	47 0	15	35 8	15	24 2		
2	71 6	2	64 8	2	56 4	2	46 8	2	35 6	2	24 0		
4	71 5	1	64 6	4	56 2	4	46 6	1	35 4	4	23 7		
6	71 3	0	64 5	6	56 0	6	46 4	6	35 2	6	23 5		
8	71 2	8	64 3	8	55 8	8	46 2	8	35 0	8	23 2		
6	71 1	16	64 2	6	55 6	16	46 0	16	34 7	16	23 0		
2	70 9	2	64 0	2	55 4	2	45 8	2	34 5	2	22 7		
4	70 8	4	63 9	4	55 3	4	45 6	4	34 2	4	22 5		
6	70 7	6	63 7	6	55 1	6	45 3	6	34 0	6	22 2		
8	70 5	8	63 6	8	54 9	8	45 1	8	33 8	8	22 0		
7	70 4	17	63 4	7	54 7	17	44 9	17	33 6	17	21 7		
2	70 3	2	63 2	2	54 6	2	44 7	2	33 4	2	21 5		
4	70 1	4	63 1	4	54 4	4	44 4	4	33 2	4	21 2		
6	70 0	6	62 9	6	54 2	6	44 2	6	33 0	6	21 0		
8	69 9	8	62 7	8	54 0	8	44 0	8	32 7	8	20 7		
8	69 7	18	62 6	8	53 8	18	43 8	18	32 4	18	20 5		
2	69 6	2	62 4	2	53 6	2	43 6	2	32 2	2	20 2		
4	69 5	4	62 2	4	53 4	4	43 4	4	32 0	4	20 0		
6	69 3	6	62 1	6	53 3	6	43 2	6	31 8	6	19 7		
8	69 2	8	61 9	8	53 1	8	42 8	8	31 5	8	19 5		
9	69 1	19	61 7	9	53 0	19	42 6	19	31 3	19	19 2		
2	69 0	2	61 6	2	52 8	2	42 4	2	31 1	2	19 0		
4	68 8	4	61 4	4	52 6	4	42 2	4	30 8	4	18 7		
6	68 7	6	61 3	6	52 4	6	41 9	6	30 6	6	18 4		
8	68 6	8	61 1	8	52 2	8	41 6	8	30 4	8	18 2		
10	68 4	20	60 9	10	52 0	20	41 4	20	30 2	20	17 9		

GLASS HYDROMETER.

Temperature 86° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	17 9	50	4 6	60	10 6	70	29 1	80	50 1	90	77 8		
2	17 7	2	3 8	2	10 9	2	24 5	2	50 6	2	78 2		
4	17 4	4	3 5	4	11 2	4	23 8	4	51 1	4	78 8		
6	17 2	6	3 2	6	11 6	6	22 2	6	51 6	6	79 3		
8	16 9	8	2 9	8	11 9	8	20 6	8	52 1	8	79 9		
41	16 6	51	2 0	61	12 2	71	39 0	81	52 6	91	80 4		
2	16 3	2	2 4	2	12 5	2	39 3	2	53 1	2	81 0		
4	16 0	4	2 1	4	12 9	4	38 8	4	53 6	4	81 5		
6	15 8	6	1 8	6	13 2	6	31 2	6	54 2	6	82 1		
8	15 5	8	1 5	8	13 6	8	31 6	8	54 7	8	82 6		
42	15 2	52	1 2	62	13 9	72	32 0	82	55 2	92	83 1		
2	15 0	2	0 9	2	14 3	2	32 4	2	55 8	2	83 7		
4	14 7	4	0 6	4	14 6	4	32 8	4	56 3	4	84 2		
6	14 4	6	0 4	6	15 0	6	33 2	6	56 9	6	84 8		
8	14 2	8	0 1	8	15 3	8	33 6	8	57 4	8	85 3		
43	13 9	53	0 2	63	15 6	73	34 0	83	58 0	93	85 8		
2	13 6	2	0 5	2	16 0	2	31 4	2	58 6	2	86 4		
4	13 4	4	0 8	4	16 4	4	31 9	4	59 1	4	86 9		
6	13 1	6	1 1	6	16 7	6	35 3	6	59 6	6	87 4		
8	12 8	8	1 4	8	17 0	8	35 8	8	60 1	8	88 0		
44	12 5	54	1 6	64	17 4	74	36 2	84	60 6	94	88 5		
2	12 2	2	1 9	2	17 7	2	36 7	2	61 2	2	89 0		
4	12 0	4	2 2	4	18 1	4	37 1	4	61 9	4	89 6		
6	11 7	6	2 5	6	18 4	6	37 5	6	62 3	6	90 1		
8	11 4	8	2 8	8	18 7	8	38 0	8	62 9	8	90 6		
45	11 1	55	3 1	65	19 1	75	38 4	85	63 5	95	91 2		
2	10 8	2	3 4	2	19 5	2	38 9	2	64 1	2	91 7		
4	10 5	4	3 6	4	19 9	4	39 3	4	64 6	4	92 2		
6	10 3	6	3 9	6	20 2	6	39 7	6	65 2	6	92 7		
8	10 0	8	4 2	8	20 6	8	40 2	8	65 8	8	93 2		
46	9 7	56	4 5	66	20 9	76	40 7	86	66 4	96	93 8		
2	9 4	2	4 8	2	21 3	2	41 1	2	66 9	2	94 3		
4	9 1	4	5 1	4	21 6	4	41 6	4	67 5	4	94 8		
6	8 9	6	5 4	6	22 0	6	42 0	6	68 1	6	95 3		
8	8 6	8	5 7	8	22 3	8	42 5	8	68 7	8	95 9		
47	8 3	57	6 0	67	22 7	77	42 9	87	69 3	97	96 4		
2	8 0	2	6 3	2	23 0	2	43 4	2	69 8	2	96 9		
4	7 7	4	6 6	4	23 4	4	43 9	4	70 4	4	97 4		
6	7 4	6	6 9	6	23 7	6	44 3	6	71 0	6	97 9		
8	7 2	8	7 2	8	24 1	8	44 8	8	71 6	8	98 5		
48	6 9	58	7 5	68	24 4	78	45 3	88	72 2	98	99 0		
2	6 6	2	7 8	2	24 8	2	45 7	2	72 8	2	99 5		
4	6 3	4	8 1	4	25 2	4	46 2	4	73 3	4	100 0		
6	6 0	6	8 4	6	25 5	6	46 7	6	73 9	6			
8	5 7	8	8 7	8	25 9	8	47 2	8	74 4	8			
49	5 5	59	9 0	69	26 3	79	47 6	89	75 0	99			
2	5 2	2	9 3	2	26 6	2	48 1	2	75 5	2			
4	4 9	4	9 7	4	27 0	4	48 6	4	76 1	4			
6	4 6	6	10 0	6	27 4	6	49 1	6	76 7	6			
8	4 3	8	10 3	8	27 7	8	49 6	8	77 2	8			
50	4 0	60	10 6	70	29 1	80	50 1	90	77 8	100			

Temperature 87° F.

A

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GLASS HYDROMETER.

Temperature 87° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	17 6	50	3 6	60	11 0	70	28 6	80	50 6	90	78 0		
2	17 3	2	3 4	2	11 3	2	28 9	2	51 1	2	78 5		
4	17 0	4	3 1	4	11 6	4	29 2	4	51 6	4	79 0		
6	16 7	6	2 8	6	12 0	6	29 6	6	52 0	6	79 5		
8	16 5	8	2 6	8	12 3	8	30 0	8	52 6	8	80 1		
41	16 2	51	2 3	61	12 6	71	30 4	81	53 0	91	80 6		
2	16 0	2	2 0	2	12 9	2	30 8	2	53 6	2	81 2		
4	15 7	4	1 7	4	13 3	4	31 2	4	54 1	4	81 7		
6	15 4	6	1 4	6	13 6	6	31 6	6	54 6	6	82 3		
8	15 1	8	1 1	8	14 0	8	32 0	8	55 1	8	82 8		
42	14 9	52	0 8	62	14 3	72	32 4	82	55 7	92	83 3		
2	14 6	2	0 6	2	14 7	2	32 8	2	56 2	2	83 9		
4	14 3	4	0 3	4	15 0	4	33 2	4	56 8	4	84 4		
6	14 0	6		6	15 4	6	33 6	6	57 3	6	85 0		
8	13 8	8	0 3	8	15 7	8	34 0	8	57 9	8	85 5		
43	13 5	53	0 6	63	16 1	73	34 5	83	58 4	93	86 0		
2	13 2	2	0 8	2	16 4	2	34 9	2	59 0	2	86 6		
4	13 0	4	1 1	4	16 8	4	35 4	4	59 4	4	87 1		
6	12 7	6	1 4	6	17 1	6	35 8	6	60 0	6	87 8		
8	12 4	8	1 7	8	17 4	8	36 3	8	60 5	8	88 2		
44	12 1	54	2 0	64	17 8	74	36 7	84	61 0	94	88 7		
2	11 8	2	2 3	2	18 1	2	37 1	2	61 6	2	89 2		
4	11 6	4	2 6	4	18 5	4	37 6	4	62 2	4	89 8		
6	11 3	6	2 9	6	18 8	6	38 0	6	62 8	6	90 3		
8	11 0	8	3 2	8	19 1	8	38 4	8	63 3	8	90 8		
45	10 7	55	3 5	65	19 5	75	38 8	85	63 8	95	91 4		
2	10 4	2	3 8	2	19 9	2	39 3	2	64 4	2	91 9		
4	10 1	4	4 0	4	20 3	4	39 7	4	64 9	4	92 4		
6	9 8	6	4 3	6	20 6	6	40 1	6	65 5	6	92 9		
8	9 6	8	4 6	8	21 0	8	40 6	8	66 1	8	93 4		
46	9 3	56	4 9	66	21 3	76	41 1	86	66 7	96	94 0		
2	9 0	2	5 2	2	21 7	2	41 5	2	67 2	2	94 5		
4	8 7	4	5 5	4	22 0	4	42 0	4	67 8	4	95 0		
6	8 5	6	5 8	6	22 1	6	42 4	6	68 4	6	95 5		
8	8 2	8	6 1	8	22 7	8	42 9	8	69 0	8	96 0		
47	7 9	57	6 4	67	23 1	77	43 3	87	69 6	97	96 6		
2	7 6	2	6 7	2	23 4	2	43 8	2	70 2	2	97 1		
4	7 3	4	7 0	4	23 8	4	44 3	4	70 8	4	97 6		
6	7 0	6	7 3	6	24 1	6	44 7	6	71 4	6	98 1		
8	6 8	8	7 6	8	24 5	8	45 2	8	72 0	8	98 7		
48	6 5	58	7 9	68	24 8	78	45 7	88	72 6	98	99 2		
2	6 2	2	8 2	2	25 2	2	46 2	2	73 1	2	99 7		
4	5 9	4	8 5	4	25 6	4	46 6	4	73 7	4			
6	5 6	6	8 8	6	25 9	6	47 1	6	74 2	6			
8	5 3	8	9 1	8	26 3	8	47 6	8	74 7	8			
49	5 1	59	9 4	69	26 6	79	48 0	89	75 3	99			
2	4 8	2	9 7	2	27 0	2	48 6	2	75 8	2			
4	4 5	4	10 1	4	27 3	4	49 1	4	76 4	4			
6	4 2	6	10 4	6	27 7	6	49 6	6	77 0	6			
8	3 9	8	10 7	8	28 1	8	50 1	8	77 5	8			
50	3 6	60	11 0	70	28 5	80	50 6	90	78 0	100			

GLASS HYDROMETER

A

Temperature 88° F.

Dips on Stem A	Per cent over Proof	Dips on Stem A	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof
0	74 6	10	68 1	0	60 4	10	51 4	20	40 7	30	29 5		
2	74 5	2	67 9	2	60 3	2	51 2	2	40 6	2	29 2		
4	74 3	4	67 8	4	60 1	4	51 0	4	40 4	4	29 0		
6	74 2	6	67 7	6	59 9	6	50 8	6	40 1	6	28 7		
8	74 0	8	67 5	8	59 7	8	50 6	8	39 9	8	28 5		
1	73 9	11	67 4	1	59 6	11	50 4	21	39 7	31	28 3		
2	73 8	2	67 3	2	59 4	2	50 2	2	39 4	2	28 0		
4	73 6	4	67 1	4	59 2	4	50 0	4	39 2	4	27 8		
6	73 5	6	67 0	6	59 0	6	49 8	6	39 0	6	27 5		
8	73 4	8	66 9	8	58 8	8	49 6	8	38 8	8	27 3		
2	73 2	12	66 7	2	58 7	12	49 4	22	38 5	32	27 1		
2	73 1	2	66 0	2	58 5	2	49 2	2	38 3	2	26 0		
4	73 0	4	66 5	4	58 3	4	49 0	4	38 1	4	26 7		
6	72 9	6	66 3	6	58 2	6	48 8	6	37 9	6	26 5		
8	72 7	8	66 2	8	58 0	8	48 6	8	37 6	8	26 2		
3	72 6	13	66 1	3	57 8	13	48 4	23	37 4	33	26 0		
2	72 5	2	65 9	2	57 6	2	48 2	2	37 1	2	25 7		
4	72 4	4	65 8	4	57 4	4	48 0	4	36 9	4	25 5		
0	72 2	6	65 6	6	57 3	6	47 8	6	36 7	6	25 3		
8	72 1	8	65 5	8	57 1	8	47 6	8	36 5	8	25 0		
4	72 0	14	65 3	4	56 0	14	47 4	24	36 3	34	24 8		
2	71 8	2	65 2	2	56 7	2	47 2	2	36 1	2	24 5		
4	71 7	4	65 0	4	56 5	4	47 0	4	35 8	4	24 3		
6	71 6	6	64 9	6	56 3	6	46 8	6	35 6	6	24 0		
8	71 4	8	64 7	8	56 1	8	46 6	8	35 4	9	23 8		
5	71 3	15	64 6	5	56 0	15	46 4	25	35 2	35	23 5		
2	71 2	2	64 4	2	55 8	2	46 2	2	34 0	2	23 3		
4	71 1	4	64 2	4	55 7	4	46 0	4	34 7	4	23 0		
6	70 9	6	64 0	6	55 5	6	45 8	6	34 5	6	22 8		
8	70 8	8	63 9	8	55 3	8	45 5	8	34 3	8	22 5		
6	70 6	16	63 7	6	55 1	16	45 3	26	34 1	36	22 3		
2	70 5	2	63 5	2	54 9	2	45 1	2	33 9	2	22 0		
4	70 4	4	63 4	4	54 7	4	44 9	4	33 6	4	21 8		
6	70 3	6	63 2	6	54 6	6	44 7	6	33 4	6	21 5		
8	70 1	8	63 1	8	54 4	8	44 5	8	33 2	8	21 3		
7	70 0	17	62 9	7	54 2	17	44 3	27	33 0	37	21 0		
2	69 9	2	62 7	2	54 1	2	44 1	2	32 8	2	20 8		
4	69 7	4	62 6	4	53 9	4	43 9	4	32 5	4	20 5		
6	69 6	6	62 4	6	53 7	6	43 7	6	32 3	6	20 3		
8	69 5	8	62 2	8	53 5	8	43 4	8	32 1	8	20 0		
8	69 3	18	62 1	8	53 3	18	43 1	28	31 8	38	19 8		
2	69 2	2	61 9	2	53 1	2	42 9	2	31 5	2	19 5		
4	69 1	4	61 7	4	52 9	4	42 7	4	31 3	4	19 3		
6	68 9	6	61 6	6	52 7	6	42 4	6	31 1	6	19 0		
8	68 8	8	61 4	8	52 5	8	42 2	8	30 9	8	18 8		
9	68 7	19	61 2	9	52 4	19	41 9	29	30 6	39	18 5		
2	68 6	2	61 1	2	52 2	2	41 7	2	30 4	2	18 3		
4	68 4	4	60 9	4	52 0	4	41 4	4	30 2	4	18 0		
6	68 3	6	60 7	6	51 6	6	41 2	6	30 0	6	17 7		
8	68 2	8	60 6	8	51 6	8	40 9	8	29 7	8	17 5		
10	68 1	20	60 4	10	51 4	20	40 7	30	29 5	40	17 2		

GLASS HYDROMETER.

Temperature 88° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	17 2	50	3 3	60	11 3	70	23 8	80	51 1	90	78 2		
4 2	16 9	4 2	2 0	4 2	11 7	4 2	22 2	4 2	51 5	4 2	78 7		
6 4	16 6	6 4	2 8	6 4	12 6	6 4	22 6	6 4	52 0	6 4	79 3		
8 6	16 4	8 6	2 5	8 6	12 4	8 6	30 0	8 6	52 5	8 6	79 8		
41	16 1	51	2 3	61	12 7	71	30 4	81	53 0	91	80 3		
2 2	15 8	2 2	1 1	2 2	13 0	2 2	31 2	2 2	53 5	2 2	80 8		
4 4	15 6	4 4	1 4	4 4	13 3	4 4	31 6	4 4	54 0	4 4	81 4		
6 6	15 3	6 6	1 1	6 6	13 7	6 6	32 0	6 6	54 5	6 6	81 9		
8 8	14 8	8 8	0 8	8 8	14 0	8 8	32 4	8 8	55 0	8 8	82 5		
42	14 5	52	0 5	62	14 4	72	32 8	82	56 1	92	83 6		
2 2	14 3	2 2	0 2	2 2	15 1	2 2	33 2	2 2	56 6	2 2	84 1		
4 4	14 0	4 4	0 1	4 4	15 4	4 4	33 6	4 4	57 1	4 4	84 6		
6 6	13 7	6 6	0 3	6 6	15 7	6 6	34 0	6 6	57 7	6 6	85 2		
8 8	13 4	8 8	0 6	8 8	16 1	8 8	34 4	8 8	58 2	8 8	85 7		
43	13 2	53	0 9	63	16 5	73	34 9	83	58 8	93	86 2		
2 2	12 9	2 2	1 2	2 2	16 8	2 2	35 3	2 2	59 3	2 2	86 8		
4 4	12 6	4 4	1 5	4 4	17 2	4 4	35 8	4 4	59 9	4 4	87 3		
6 6	12 3	6 6	1 8	6 6	17 4	6 6	36 2	6 6	60 4	6 6	87 9		
8 8	12 0	8 8	2 1	8 8	17 8	8 8	36 6	8 8	61 0	8 8	88 4		
44	11 7	54	2 3	64	18 2	74	37 1	84	61 5	94	89 0		
2 2	11 5	2 2	2 6	2 2	18 5	2 2	37 6	2 2	62 0	2 2	89 5		
4 4	11 2	4 4	2 9	4 4	18 9	4 4	38 0	4 4	62 6	4 4	90 1		
6 6	10 9	6 6	3 2	6 6	19 2	6 6	38 4	6 6	63 2	6 6	90 6		
8 8	10 6	8 8	3 5	8 8	19 6	8 8	38 8	8 8	63 7	8 8	91 1		
45	10 3	55	3 8	65	20 0	75	39 3	85	64 2	95	91 6		
2 2	10 1	2 2	4 1	2 2	20 3	2 2	39 7	2 2	64 8	2 2	92 1		
4 4	9 8	4 4	4 4	4 4	20 7	4 4	40 2	4 4	65 3	4 4	92 6		
6 6	9 5	6 6	4 7	6 6	21 0	6 6	40 6	6 6	65 9	6 6	93 2		
8 8	9 2	8 8	5 0	8 8	21 4	8 8	41 1	8 8	66 5	8 8	93 7		
46	8 9	56	5 3	66	21 7	76	41 5	86	67 1	96	94 2		
2 2	8 6	2 2	5 6	2 2	22 1	2 2	42 0	2 2	67 7	2 2	94 7		
4 4	8 4	4 4	5 9	4 4	22 4	4 4	42 4	4 4	68 3	4 4	95 2		
6 6	8 1	6 6	6 2	6 6	22 8	6 6	42 9	6 6	68 8	6 6	95 8		
8 8	7 8	8 8	6 5	8 8	23 1	8 8	43 3	8 8	69 4	8 8	96 3		
47	7 5	57	6 8	67	23 5	77	43 8	87	70 0	97	96 8		
2 2	7 2	2 2	7 1	2 2	23 8	2 2	44 2	2 2	70 6	2 2	97 3		
4 4	6 9	4 4	7 4	4 4	24 2	4 4	44 7	4 4	71 2	4 4	97 9		
6 6	6 7	6 6	7 7	6 6	24 5	6 6	45 2	6 6	71 8	6 6	98 4		
8 8	6 4	8 8	8 0	8 8	24 9	8 8	45 6	8 8	72 3	8 8	98 9		
48	6 1	58	8 3	68	25 2	78	46 1	88	72 9	98	99 4		
2 2	5 8	2 2	8 6	2 2	25 6	2 2	46 6	2 2	73 4	2 2	99 9		
4 4	5 5	4 4	8 9	4 4	25 9	4 4	47 1	4 4	73 9	4 4			
6 6	5 3	6 6	9 2	6 6	26 2	6 6	47 5	6 6	74 5	6 6			
8 8	5 0	8 8	9 5	8 8	26 6	8 8	48 0	8 8	75 0	8 8			
49	4 7	59	9 8	69	27 0	79	48 8	89	75 5	99			
2 2	4 4	2 2	10 1	2 2	27 3	2 2	49 0	2 2	76 1	2 2			
4 4	4 1	4 4	10 4	4 4	27 7	4 4	49 8	4 4	76 6	4 4			
6 6	3 9	6 6	10 7	6 6	28 1	6 6	50 0	6 6	77 2	6 6			
8 8	3 6	8 8	11 0	8 8	28 4	8 8	50 6	8 8	77 7	8 8			
50	3 3	60	11 3	70	28 8	80	51 1	90	78 2	100			

GLASS HYDROMETER.

A

Temperature 89° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
C	74 4	10	67 9	0	60 2	10	51 -1	20	40 5	30	29 1		
2	74 3	2	67 7	2	60 0	12	50 9	12	40 3	12	28 9		
4	74 1	4	67 6	4	59 8	4	50 7	4	40 0	4	28 7		
6	74 0	6	67 5	6	59 7	6	50 5	6	39 8	6	28 4		
8	73 8	8	67 3	8	59 5	8	50 3	8	39 5	8	28 2		
I	73 7	11	67 2	1	59 3	11	50 1	11	39 3	11	27 9		
2	73 6	12	67 1	2	59 1	12	49 9	12	39 1	12	27 7		
4	73 4	4	66 9	4	58 9	4	49 7	4	38 9	4	27 5		
6	73 3	6	66 8	6	58 8	6	49 5	6	38 7	6	27 2		
8	73 2	8	66 7	8	58 6	8	49 3	8	38 5	8	27 0		
2	73 0	12	66 5	12	58 5	12	49 1	12	38 2	12	26 7		
4	72 9	2	66 4	2	58 3	2	48 9	2	38 0	2	26 5		
6	72 8	4	66 3	4	58 1	4	48 7	4	37 7	4	26 3		
8	72 7	6	66 1	6	57 9	6	48 5	6	37 5	6	26 0		
3	72 5	8	66 0	8	57 7	8	48 3	8	37 3	8	25 8		
2	72 4	13	65 8	3	57 5	13	48 1	13	37 1	13	25 6		
4	72 3	2	65 7	2	57 4	14	47 9	14	36 8	14	25 3		
6	72 2	4	65 5	4	57 2	4	47 7	4	36 6	4	25 1		
8	72 0	6	65 4	6	57 0	6	47 5	6	36 4	6	24 9		
4	71 9	8	65 2	8	56 8	8	47 3	8	36 2	8	24 6		
2	71 8	14	65 1	4	56 7	14	47 1	14	35 9	14	24 4		
4	71 6	2	64 9	2	56 5	2	46 9	2	35 7	2	24 1		
6	71 5	4	64 8	4	56 3	4	46 7	4	35 5	4	23 9		
8	71 4	6	64 6	6	56 1	6	46 5	6	35 3	6	23 6		
5	71 2	8	64 5	8	55 9	8	46 3	8	35 1	8	23 4		
2	71 1	15	64 3	5	55 7	15	46 1	15	34 9	15	23 1		
4	71 0	2	64 2	2	55 5	2	45 9	2	34 7	2	22 9		
6	70 9	4	64 0	4	55 4	4	45 7	4	34 5	4	22 6		
8	70 7	6	63 8	6	55 2	6	45 5	6	34 2	6	22 4		
6	70 6	8	63 7	8	55 0	8	45 2	8	34 0	8	22 1		
2	70 5	10	63 5	6	54 9	10	45 0	10	33 7	10	21 9		
4	70 3	2	63 3	2	54 7	2	44 8	2	33 5	2	21 6		
6	70 2	4	63 2	4	54 5	4	44 6	4	33 3	4	21 4		
8	70 1	6	63 0	6	54 3	6	44 4	6	33 1	6	21 1		
7	69 9	8	62 8	8	54 1	8	44 2	8	32 9	8	20 9		
2	69 8	17	62 7	7	53 9	17	44 0	17	32 7	17	20 6		
4	69 7	2	62 5	2	53 8	2	43 8	2	32 5	2	20 4		
6	69 5	4	62 3	4	53 6	4	43 5	4	32 2	4	20 1		
8	69 4	6	62 2	6	53 4	6	43 3	6	31 9	6	19 9		
8	69 3	8	62 0	8	53 2	8	43 0	8	31 7	8	19 6		
2	69 1	18	61 8	8	53 1	18	42 7	18	31 5	18	19 4		
4	69 0	2	61 7	2	52 9	2	42 5	2	31 2	2	19 1		
6	68 9	4	61 5	4	52 7	4	42 3	4	31 0	4	18 9		
8	68 7	6	61 3	6	52 5	6	42 1	6	30 8	6	18 6		
8	68 6	8	61 2	8	52 3	8	41 9	8	30 5	8	18 4		
9	68 5	19	61 0	9	52 1	19	41 6	19	30 3	19	18 1		
2	68 4	2	60 8	2	51 9	2	41 3	2	30 1	2	17 9		
4	68 2	4	60 7	4	51 7	4	41 1	4	29 9	4	17 6		
6	68 1	6	60 5	6	51 5	6	40 9	6	29 6	6	17 4		
9	68 0	8	60 4	8	51 3	8	40 7	8	29 3	8	17 1		
10	67 9	20	60 2	10	51 1	20	40 5	20	29 1	20	16 9		

GLASS HYDROMETER.

Temperature 89° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	16 9	50	12 9	60	11 2	70	10 3	80	9 5	90	8 4				
4 12	16 6				12 1		12 3		9 2		7 8				
4 6	16 4		4 12		12 4		12 4		5 1		7 9				
8 2	16 1		8 2		12 7		30 4		5 2		80 0				
	15 8				13 1		30 9		5 3		80 5				
41	15 5	51	1 9	61	13 4	71	31 12	81	53 4	91	81 0				
4 12	15 3		12 12		13 7		31 6		54 4		81 6				
4 6	15 0		4 12		14 1		32 0		54 9		82 1				
8 2	14 7		8 2		14 4		32 4		55 0		82 7				
	14 5				14 8		32 8		55 5		83 2				
42	14 2	52	0 1	62	15 1	72	33 12	82	56 5	92	83 7				
4 12	13 0		4 12		15 5		33 6		57 0		84 3				
4 6	13 6		4 6		16 1		34 1		57 5		84 8				
8 2	13 3		8 2		16 5		34 5		58 1		85 4				
	13 1				16 9		34 9		58 6		85 9				
43	12 8	53	1 3	63	17 2	73	35 4	83	59 2	93	86 4				
4 12	12 5		12 12		17 5		35 8		59 7		87 0				
4 6	12 2		4 6		17 8		36 2		60 3		87 5				
8 2	11 9		8 2		18 2		36 7		60 8		88 1				
	11 6				18 5		37 1		61 4		88 6				
44	11 3	54	2 7	64	18 9	74	37 5	84	61 9	94	89 2				
4 12	11 1		2 12		19 3		38 0		62 5		89 7				
4 6	10 8		4 6		19 6		38 4		63 0		90 3				
8 2	10 5		8 2		19 9		38 8		63 6		90 8				
	10 2				20 4		39 2		64 1		91 3				
45	0 0	55	4 2	65	20 7	75	39 7	85	64 6	95	91 8				
4 12	0 7		4 12		21 1		40 1		65 2		92 3				
4 6	0 4		4 6		21 4		40 6		65 8		92 8				
8 2	0 1		8 2		21 8		41 0		66 4		93 4				
	8 8				22 1		41 5		66 9		93 9				
46	8 5	56	5 7	66	22 5	76	41 9	86	67 5	96	94 4				
4 12	8 2		12 12		22 9		42 4		68 1		94 9				
4 6	8 0		4 6		23 3		42 8		68 7		95 4				
8 2	7 7		8 2		23 7		43 3		69 2		95 9				
	7 4				23 1		43 7		69 8		96 4				
47	7 1	57	7 2	67	24 2	77	44 2	87	70 4	97	96 9				
4 12	6 8		12 12		24 6		44 6		70 9		97 4				
4 6	6 5		4 6		24 9		45 1		71 5		97 9				
8 2	6 3		8 2		25 3		45 6		72 0		98 4				
	6 0				25 6		46 1		72 6		98 9				
48	5 7	58	8 7	68	26 0	78	46 6	88	73 2	98	99 4				
4 12	5 4		12 12		26 3		47 0		73 7		99 9				
4 6	5 1		4 6		26 7		47 6		74 2						
8 2	4 9		8 2		27 0		48 0		74 8						
	4 6				27 4		48 5		75 3						
49	4 3	59	10 2	69	27 7	79	49 0	89	75 8	99					
4 12	4 0		12 12		28 1		49 5		76 4						
4 6	3 7		4 6		28 5		50 0		76 9						
8 2	3 5		8 2		28 9		50 5		77 4						
	3 2				29 3		51 0		78 0						
50	2 9	60	11 7	70		80	51 5	90	78 4	100					

GLASS HYDROMETER.

A

Temperature 90° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	74 2	10	67 7	0	59 9	10	50 8	20	40 1	30	28 8		
1	74 1	11	67 5	1	59 7	11	50 6	21	39 9	31	28 5		
2	73 9	12	67 4	2	59 5	12	50 4	22	39 7	32	28 3		
3	73 8	13	67 3	3	59 4	13	50 3	23	39 5	33	28 1		
4	73 6	14	67 1	4	59 2	14	50 0	24	39 3	34	27 9		
5	73 5	15	67 0	5	59 1	15	49 8	25	39 1	35	27 6		
6	73 4	16	66 9	6	58 9	16	49 6	26	38 8	36	27 3		
7	73 2	17	66 7	7	58 7	17	49 4	27	38 6	37	27 1		
8	73 1	18	66 6	8	58 5	18	49 2	28	38 3	38	26 9		
9	73 0	19	66 5	9	58 3	19	49 0	29	38 1	39	26 7		
10	72 8	20	66 3	10	58 1	20	48 8	30	37 9	40	26 4		
11	72 7	21	66 1	11	58 0	21	48 6	31	37 7	41	26 2		
12	72 6	22	66 0	12	57 8	22	48 4	32	37 4	42	25 9		
13	72 5	23	65 8	13	57 7	23	48 2	33	37 1	43	25 7		
14	72 3	24	65 7	14	57 5	24	48 0	34	36 9	44	25 4		
15	72 2	25	65 5	15	57 3	25	47 8	35	36 7	45	25 2		
16	72 0	26	65 4	16	57 1	26	47 6	36	36 5	46	24 9		
17	71 8	27	65 2	17	56 9	27	47 4	37	36 3	47	24 7		
18	71 7	28	65 1	18	56 7	28	47 2	38	36 1	48	24 4		
19	71 6	29	64 9	19	56 5	29	47 0	39	35 9	49	24 2		
20	71 4	30	64 8	20	56 3	30	46 8	40	35 7	50	23 9		
21	71 3	31	64 6	21	56 2	31	46 6	41	35 5	51	23 7		
22	71 2	32	64 5	22	56 0	32	46 4	42	35 2	52	23 4		
23	71 0	33	64 3	23	55 8	33	46 2	43	35 0	53	23 1		
24	71 0	34	64 2	24	55 6	34	46 0	44	34 8	54	22 9		
25	70 9	35	64 0	25	55 5	35	45 8	45	34 6	55	22 6		
26	70 8	36	63 9	26	55 3	36	45 6	46	34 3	56	22 3		
27	70 7	37	63 7	27	55 1	37	45 4	47	34 1	57	22 1		
28	70 5	38	63 5	28	54 9	38	45 1	48	33 9	58	21 8		
29	70 4	39	63 4	29	54 7	39	44 9	49	33 7	59	21 6		
30	70 3	40	63 2	30	54 6	40	44 7	50	33 4	60	21 3		
31	70 1	41	63 0	31	54 4	41	44 6	51	33 2	61	21 1		
32	70 0	42	62 9	32	54 2	42	44 3	52	33 0	62	20 9		
33	69 9	43	62 7	33	54 1	43	44 1	53	32 8	63	20 6		
34	69 7	44	62 5	34	53 9	44	43 9	54	32 5	64	20 4		
35	69 6	45	62 4	35	53 7	45	43 7	55	32 3	65	20 1		
36	69 5	46	62 2	36	53 5	46	43 6	56	32 1	66	19 9		
37	69 3	47	62 0	37	53 3	47	43 4	57	31 9	67	19 7		
38	69 2	48	61 9	38	53 1	48	43 2	58	31 6	68	19 4		
39	69 1	49	61 7	39	52 9	49	42 9	59	31 3	69	19 2		
40	68 9	50	61 5	40	52 7	50	42 6	60	31 1	70	18 9		
41	68 8	51	61 4	41	52 6	51	42 4	61	30 9	71	18 7		
42	68 7	52	61 2	42	52 4	52	42 2	62	30 7	72	18 5		
43	68 6	53	61 0	43	52 2	53	41 9	63	30 5	73	18 2		
44	68 4	54	60 9	44	52 0	54	41 7	64	30 3	74	18 0		
45	68 3	55	60 7	45	51 8	55	41 5	65	30 1	75	17 7		
46	68 2	56	60 5	46	51 6	56	41 3	66	29 8	76	17 5		
47	68 0	57	60 4	47	51 4	57	41 0	67	29 5	77	17 2		
48	67 9	58	60 2	48	51 2	58	40 8	68	29 3	78	17 0		
49	67 8	59	60 0	49	51 0	59	40 6	69	29 0	79	16 7		
50	67 7	60	59 9	50	50 8	60	40 3	70	28 8	80	16 5		

GLASS HYDROMETER.

Temperature 90°-F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	16 5	50	12 6	60	13 1	70	29 6	80	51 9	90	78 7		
4 2	18 2	4 2	12 3	4 2	12 5	4 2	30 0	4 2	52 4	4 2	79 13		
4 4	18 9	4 4	12 0	4 4	12 8	4 4	30 4	4 4	52 8	4 4	79 8		
4 6	15 6	4 6	1 8	4 6	13 1	4 6	30 8	4 6	53 3	4 6	80 3		
4 8	15 4	4 8	1 5	4 8	13 6	4 8	31 2	4 8	53 8	4 8	80 8		
41	15 1	51	1 2	61	13 8	71	31 6	81	54 3	91	81 3		
2	14 0	2	0 0	2	14 1	2	32 0	2	54 8	2	81 9		
4	14 0	4	0 0	4	14 5	4	32 4	4	55 3	4	82 4		
6	14 3	6	0 3	6	14 8	6	32 8	6	55 8	6	82 9		
8	14 1	8		8	15 2	8	33 2	8	56 3	8	83 5		
42	13 8	52	0 3	62	15 5	72	33 7	82	56 9	92	84 0		
2	13 5	2	0 5	2	15 9	2	34 1	2	57 4	2	84 6		
4	13 2	4	0 8	4	16 2	4	34 6	4	57 9	4	85 1		
6	12 9	6	1 1	6	16 6	6	35 0	6	58 5	6	85 6		
8	12 7	8	1 4	8	16 9	8	35 4	8	59 0	8	86 2		
43	12 4	53	1 7	63	17 3	73	35 8	83	59 6	93	86 7		
2	12 1	2	1 9	2	17 6	2	36 2	2	60 1	2	87 3		
4	11 8	4	2 2	4	18 0	4	36 6	4	60 7	4	87 8		
6	11 5	6	2 5	6	18 3	6	37 1	6	61 2	6	88 4		
8	11 2	8	2 8	8	18 6	8	37 5	8	61 8	8	88 9		
44	10 9	54	3 1	64	19 0	74	38 0	84	62 3	94	89 5		
2	10 7	2	3 4	2	19 3	2	38 4	2	62 9	2	90 0		
4	10 4	4	3 7	4	19 7	4	38 9	4	63 4	4	90 6		
6	10 1	6	4 0	6	20 1	6	39 3	6	64 0	6	91 1		
8	9 8	8	4 3	8	20 4	8	39 7	8	64 5	8	91 6		
45	9 5	55	4 6	65	20 6	75	40 2	85	65 0	95	92 1		
2	9 3	2	4 9	2	21 1	2	40 6	2	65 6	2	92 6		
4	9 0	4	5 2	4	21 5	4	41 1	4	66 2	4	93 1		
6	8 7	6	5 5	6	21 8	6	41 6	6	66 8	6	93 7		
8	8 4	8	5 8	8	22 2	8	42 0	8	67 3	8	94 2		
46	8 1	56	6 1	66	22 5	76	42 4	86	67 9	96	94 7		
2	7 8	2	6 4	2	22 9	2	42 9	2	68 3	2	95 2		
4	7 6	4	6 7	4	23 2	4	43 3	4	69 1	4	95 7		
6	7 3	6	7 0	6	23 6	6	43 8	6	69 6	6	96 3		
8	7 0	8	7 3	8	23 9	8	44 1	8	70 2	8	96 8		
47	6 7	57	7 6	67	24 3	77	44 6	87	70 7	97	97 3		
2	6 4	2	7 0	2	24 6	2	45 1	2	71 3	2	97 8		
4	6 1	4	8 2	4	25 0	4	45 6	4	71 8	4	98 3		
6	5 9	6	8 5	6	25 3	6	46 0	6	72 4	6	98 8		
8	5 6	8	8 8	8	25 7	8	46 5	8	72 9	8	99 3		
48	5 3	58	9 1	68	26 0	78	47 0	88	73 5	98	99 8		
2	5 0	2	9 4	2	26 4	2	47 5	2	74 0	2			
4	4 7	4	9 7	4	26 7	4	48 0	4	74 5	4			
6	4 5	6	10 0	6	27 0	6	48 5	6	75 1	6			
8	4 3	8	10 3	8	27 4	8	49 0	8	75 6	8			
49	4 0	59	10 6	69	27 7	79	49 5	89	76 1	99			
2	3 7	2	10 9	2	28 1	2	50 0	2	76 7	2			
4	3 4	4	11 2	4	28 4	4	50 5	4	77 2	4			
6	3 2	6	11 5	6	28 8	6	50 9	6	77 7	6			
8	2 9	8	11 8	8	29 2	8	51 4	8	78 3	8			
50	2 6	60	12 1	70	29 6	80	51 9	90	78 7	100			

GLASS HYDROMETER.

A

Temperature 91° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0	74 0	10	67 5	0	59 7	10	50 5	20	39 8	30	28 5
12	73 9	12	67 3	12	59 5	12	50 3	12	39 6	12	28 3
24	73 7	24	67 1	24	59 3	24	50 1	24	39 4	24	28 0
36	73 6	36	66 9	36	59 1	36	49 9	36	39 2	36	27 7
48	73 4	48	66 7	48	58 9	48	49 7	48	39 0	48	27 5
1	73 3	1	66 5	1	58 8	1	49 5	1	38 7	1	27 3
13	73 2	13	66 3	13	58 7	13	49 3	13	38 5	13	27 0
25	73 0	25	66 1	25	58 5	25	49 1	25	38 3	25	26 8
37	72 9	37	66 0	37	58 3	37	48 9	37	38 0	37	26 5
49	72 8	49	65 8	49	58 1	49	48 7	49	37 8	49	26 3
61	72 6	61	65 6	61	57 9	61	48 5	61	37 6	61	26 1
73	72 5	73	65 5	73	57 7	73	48 3	73	37 3	73	25 9
85	72 4	85	65 3	85	57 5	85	48 1	85	37 1	85	25 6
97	72 3	97	65 1	97	57 4	97	47 9	97	36 9	97	25 3
109	72 1	109	64 9	109	57 2	109	47 7	109	36 7	109	25 1
121	72 0	121	64 7	121	57 1	121	47 5	121	36 5	121	24 9
133	71 9	133	64 5	133	56 9	133	47 3	133	36 2	133	24 6
145	71 8	145	64 3	145	56 7	145	47 1	145	36 0	145	24 3
157	71 6	157	64 1	157	56 5	157	46 9	157	35 8	157	24 1
169	71 5	169	63 9	169	56 3	169	46 7	169	35 6	169	23 9
181	71 4	181	63 7	181	56 1	181	46 5	181	35 3	181	23 6
193	71 3	193	63 5	193	55 9	193	46 3	193	35 1	193	23 3
205	71 1	205	63 3	205	55 7	205	46 1	205	34 9	205	23 1
217	71 0	217	63 1	217	55 5	217	45 9	217	34 7	217	22 8
229	70 8	229	62 9	229	55 3	229	45 7	229	34 5	229	22 5
241	70 7	241	62 7	241	55 1	241	45 5	241	34 3	241	22 2
253	70 6	253	62 5	253	54 9	253	45 3	253	34 0	253	21 9
265	70 5	265	62 3	265	54 7	265	45 1	265	33 8	265	21 7
277	70 3	277	62 1	277	54 5	277	44 9	277	33 6	277	21 4
289	70 2	289	61 9	289	54 3	289	44 6	289	33 4	289	21 1
301	70 1	301	61 7	301	54 1	301	44 4	301	33 1	301	20 8
313	69 9	313	61 5	313	53 9	313	44 2	313	32 9	313	20 5
325	69 8	325	61 3	325	53 7	325	44 0	325	32 7	325	20 3
337	69 7	337	61 1	337	53 5	337	43 8	337	32 5	337	20 0
349	69 5	349	60 9	349	53 3	349	43 6	349	32 2	349	19 8
361	69 4	361	60 7	361	53 1	361	43 4	361	32 0	361	19 5
373	69 3	373	60 5	373	52 9	373	43 2	373	31 8	373	19 3
385	69 1	385	60 3	385	52 7	385	43 0	385	31 5	385	19 0
397	69 0	397	60 1	397	52 5	397	42 8	397	31 3	397	18 8
409	68 9	409	59 9	409	52 3	409	42 6	409	31 1	409	18 5
421	68 7	421	59 7	421	52 1	421	42 4	421	30 9	421	18 3
433	68 6	433	59 5	433	51 9	433	42 2	433	30 6	433	18 0
445	68 5	445	59 3	445	51 7	445	42 0	445	30 4	445	17 8
457	68 3	457	59 1	457	51 5	457	41 8	457	30 1	457	17 5
469	68 2	469	58 9	469	51 3	469	41 6	469	29 9	469	17 3
481	68 1	481	58 7	481	51 1	481	41 4	481	29 7	481	17 0
493	68 0	493	58 5	493	50 9	493	41 2	493	29 4	493	16 8
505	67 8	505	58 3	505	50 7	505	41 0	505	29 1	505	16 5
517	67 7	517	58 1	517	50 5	517	40 8	517	28 9	517	16 3
529	67 6	529	57 9	529	50 3	529	40 6	529	28 7	529	16 0
541	67 5	541	57 7	541	50 1	541	40 4	541	28 5	541	15 8
553		553	57 5	553	50 0	553	40 3	553		553	15 5
565		565	57 3	565	50 0	565	40 3	565		565	15 2
577		577	57 1	577	50 0	577	40 3	577		577	14 9
589		589	56 9	589	50 0	589	40 3	589		589	14 6
601		601	56 7	601	50 0	601	40 3	601		601	14 3
613		613	56 5	613	50 0	613	40 3	613		613	14 0
625		625	56 3	625	50 0	625	40 3	625		625	13 7
637		637	56 1	637	50 0	637	40 3	637		637	13 4
649		649	55 9	649	50 0	649	40 3	649		649	13 1
661		661	55 7	661	50 0	661	40 3	661		661	12 8
673		673	55 5	673	50 0	673	40 3	673		673	12 5
685		685	55 3	685	50 0	685	40 3	685		685	12 2
697		697	55 1	697	50 0	697	40 3	697		697	11 9
709		709	54 9	709	50 0	709	40 3	709		709	11 6
721		721	54 7	721	50 0	721	40 3	721		721	11 3
733		733	54 5	733	50 0	733	40 3	733		733	11 0
745		745	54 3	745	50 0	745	40 3	745		745	10 7
757		757	54 1	757	50 0	757	40 3	757		757	10 4
769		769	53 9	769	50 0	769	40 3	769		769	10 1
781		781	53 7	781	50 0	781	40 3	781		781	9 8
793		793	53 5	793	50 0	793	40 3	793		793	9 5
805		805	53 3	805	50 0	805	40 3	805		805	9 2
817		817	53 1	817	50 0	817	40 3	817		817	8 9
829		829	52 9	829	50 0	829	40 3	829		829	8 6
841		841	52 7	841	50 0	841	40 3	841		841	8 3
853		853	52 5	853	50 0	853	40 3	853		853	8 0
865		865	52 3	865	50 0	865	40 3	865		865	7 7
877		877	52 1	877	50 0	877	40 3	877		877	7 4
889		889	51 9	889	50 0	889	40 3	889		889	7 1
901		901	51 7	901	50 0	901	40 3	901		901	6 8
913		913	51 5	913	50 0	913	40 3	913		913	6 5
925		925	51 3	925	50 0	925	40 3	925		925	6 2
937		937	51 1	937	50 0	937	40 3	937		937	5 9
949		949	50 9	949	50 0	949	40 3	949		949	5 6
961		961	50 7	961	50 0	961	40 3	961		961	5 3
973		973	50 5	973	50 0	973	40 3	973		973	5 0
985		985	50 3	985	50 0	985	40 3	985		985	4 7
997		997	50 1	997	50 0	997	40 3	997		997	4 4
1009		1009	50 0	1009	50 0	1009	40 3	1009		1009	4 1

GLASS HYDROMETER.

Temperature 91° F.

Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof
40	16 1	50	12 3	60	12 6	70	30 0	80	52 12	90	78 0		
12	15 9	2	12 0	12	12 8	12	30 4	12	52 3	12	79 4		
4	15 7	4	11 8	4	13 1	4	30 8	4	53 1	4	80 0		
6	15 4	6	11 5	6	13 5	6	31 2	6	53 6	6	80 5		
8	15 2	8	11 3	8	13 8	8	31 6	8	54 1	8	81 0		
41	14 9	51	0 0	61	14 2	71	32 0	81	54 6	91	81 5		
12	14 6	12	0 6	12	14 5	12	32 4	12	55 1	12	82 1		
4	14 3	4	0 3	4	14 9	4	32 8	4	55 6	4	82 6		
6	14 0	6		6	15 2	6	33 2	6	56 1	6	83 1		
8	13 8	8	6 3	8	15 6	8	33 6	8	56 6	8	83 7		
42	13 5	52	6 5	62	15 0	72	34 1	82	57 2	92	84 2		
12	13 2	12	6 8	12	16 3	12	34 5	12	57 7	12	84 8		
4	12 9	4	1 1	4	16 6	4	35 0	4	58 2	4	85 3		
6	12 6	6	1 4	6	17 0	6	35 4	6	58 8	6	85 8		
8	12 3	8	1 7	8	17 3	8	35 8	8	59 3	8	86 4		
43	12 1	53	1 9	13	17 7	73	36 2	83	59 9	93	86 9		
12	11 8	12	2 2	12	18 0	12	36 6	12	60 4	12	87 5		
4	11 5	4	2 5	4	18 4	4	37 0	4	61 0	4	88 0		
6	11 2	6	2 9	6	18 7	6	37 5	6	61 5	6	88 6		
8	10 9	8	3 3	8	19 0	8	38 0	8	62 1	8	89 1		
44	10 6	54	3 5	64	19 4	74	38 4	84	62 6	94	89 7		
12	10 4	12	3 8	12	19 8	12	38 8	12	63 2	12	90 2		
4	10 1	4	4 1	4	20 1	4	39 3	4	63 7	4	90 8		
6	9 8	6	4 4	6	20 5	6	39 7	6	64 3	6	91 3		
8	9 5	8	4 6	8	20 8	8	40 1	8	64 8	8	91 8		
45	9 2	55	4 9	65	21 2	75	40 5	85	65 4	95	92 3		
12	9 0	12	5 2	12	21 5	12	41 0	12	66 0	12	92 8		
4	8 7	4	5 5	4	21 9	4	41 4	4	66 6	4	93 3		
6	8 4	6	5 8	6	22 2	6	41 9	6	67 1	6	93 9		
8	8 1	8	6 1	8	22 5	8	42 3	8	67 7	8	94 4		
46	7 8	56	6 4	66	22 9	76	42 8	86	68 2	96	94 9		
12	7 5	12	6 7	12	23 2	12	43 2	12	68 8	12	95 4		
4	7 3	4	7 0	4	23 6	4	43 6	4	69 4	4	95 9		
6	7 0	6	7 3	6	23 9	6	44 1	6	69 9	6	96 5		
8	6 7	8	7 6	8	24 2	8	44 6	8	70 5	8	97 0		
47	6 4	57	7 9	67	24 6	77	45 0	87	71 0	97	97 5		
12	6 1	12	8 2	12	24 9	12	45 5	12	71 6	12	98 0		
4	5 8	4	8 5	4	25 3	4	46 0	4	72 1	4	98 5		
6	5 5	6	8 8	6	25 6	6	46 5	6	72 7	6	99 0		
8	5 3	8	9 1	8	26 0	8	47 0	8	73 2	8	99 5		
48	5 0	58	9 4	68	26 3	78	47 5	88	73 8	98	100 0		
12	4 7	12	9 6	12	26 7	12	48 0	12	74 3	12			
4	4 4	4	10 0	4	27 0	4	48 4	4	74 8	4			
6	4 2	6	10 3	6	27 4	6	48 9	6	75 3	6			
8	3 9	8	10 6	8	27 7	8	49 3	8	75 9	8			
49	3 6	59	10 9	69	28 1	79	49 8	89	76 4	99			
12	3 4	12	11 2	12	28 5	12	50 3	12	76 9	12			
4	3 1	4	11 5	4	28 9	4	50 7	4	77 4	4			
6	2 9	6	11 9	6	29 2	6	51 2	6	78 0	6			
8	2 6	8	12 2	8	29 6	8	51 7	8	78 5	8			
50	2 3	60	12 5	70	30 0	80	52 2	90	78 9	100			

A

Temperature 92° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	73 8	10	67 3	0	59 4	10	50 2	20	39 5	30	28 1		
1	73 7	10	67 1	1	59 3	11	50 0	21	39 3	31	27 9		
2	73 5	10	67 0	2	59 0	12	49 8	22	39 1	32	27 7		
3	73 4	10	66 9	3	58 9	13	49 6	23	38 9	33	27 4		
4	73 2	11	66 7	4	58 7	14	49 4	24	38 6	34	27 2		
5	73 1	11	66 6	5	58 5	15	49 2	25	38 4	35	27 0		
6	73 0	12	66 5	6	58 4	16	49 0	26	38 1	36	26 8		
7	72 8	12	66 3	7	58 2	17	48 8	27	37 9	37	26 5		
8	72 7	12	66 2	8	58 0	18	48 6	28	37 7	38	26 2		
9	72 6	12	66 1	9	57 8	19	48 4	29	37 5	39	26 0		
10	72 4	12	65 9	10	57 6	20	48 2	30	37 2	40	25 7		
11	72 3	12	65 8	11	57 5	21	48 0	31	37 0		25 5		
12	72 2	13	65 6	12	57 3	22	47 8	32	36 8		25 2		
13	72 1	13	65 5	13	57 1	23	47 6	33	36 6		25 0		
14	71 9	13	65 3	14	56 9	24	47 4	34	36 3		24 7		
15	71 8	14	65 2	15	56 7	25	47 2	35	36 1		24 5		
16	71 7	14	65 1	16	56 6	26	47 0	36	35 9		24 3		
17	71 6	14	65 0	17	56 4	27	46 8	37	35 7		24 1		
18	71 4	15	64 9	18	56 2	28	46 6	38	35 5		23 8		
19	71 3	15	64 7	19	56 0	29	46 4	39	35 3		23 6		
20	71 2	15	64 5	20	55 9	30	46 2	40	35 1		23 3		
21	71 0	16	64 4	21	55 6	31	46 0	41	34 9		23 1		
22	70 9	16	64 3	22	55 5	32	45 8	42	34 6		22 8		
23	70 8	16	64 1	23	55 3	33	45 6	43	34 4		22 6		
24	70 8	16	63 9	24	55 1	34	45 4	44	34 1		22 4		
25	70 5	17	63 8	25	54 9	35	45 2	45	33 9		22 1		
26	70 4	17	63 6	26	54 7	36	45 0	46	33 7		21 9		
27	70 3	17	63 5	27	54 6	37	44 7	47	33 5		21 6		
28	70 1	17	63 3	28	54 4	38	44 5	48	33 3		21 4		
29	70 0	18	63 1	29	54 2	39	44 3	49	33 0		21 1		
30	69 9	18	63 0	30	54 0	40	44 1	50	32 8		20 9		
31	69 7	18	62 8	31	53 9	41	43 9	51	32 6		20 6		
32	69 6	18	62 7	32	53 7	42	43 7	52	32 3		20 4		
33	69 5	18	62 5	33	53 5	43	43 5	53	32 1		20 1		
34	69 3	19	62 3	34	53 3	44	43 2	54	31 9		19 9		
35	69 2	19	62 2	35	53 1	45	42 9	55	31 7		19 6		
36	69 1	19	62 0	36	53 0	46	42 7	56	31 5		19 4		
37	68 9	19	61 8	37	52 8	47	42 5	57	31 3		19 1		
38	68 8	19	61 6	38	52 6	48	42 3	58	31 0		18 9		
39	68 7	19	61 4	39	52 4	49	42 0	59	30 9		18 6		
40	68 5	20	61 2	40	52 2	50	41 8	60	30 5		18 4		
41	68 4	20	61 0	41	52 0	51	41 6	61	30 3		18 1		
42	68 3	20	60 9	42	51 8	52	41 3	62	30 1		17 9		
43	68 1	20	60 7	43	51 6	53	41 0	63	29 8		17 6		
44	68 0	20	60 5	44	51 4	54	40 8	64	29 5		17 4		
45	67 9	20	60 3	45	51 2	55	40 6	65	29 3		17 1		
46	67 8	20	60 1	46	51 1	56	40 4	66	29 1		16 9		
47	67 6	20	59 9	47	50 9	57	40 1	67	28 9		16 6		
48	67 5	20	59 7	48	50 7	58	39 9	68	28 6		16 3		
49	67 4	20	59 6	49	50 4	59	39 7	69	28 3		16 1		
50	67 3	20	59 4	50	50 2	60	39 5	70	28 1		15 8		

Temperature 92° F.

109

A Temperature 93° F.

110

GLASS HYDROMETER.

Temperature 93° F.

Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof
40	15 5	50	1 5	60	13 3	70	30 8	80	52 9	90	79 5				
12	15 2	12	1 2	12	13 7	12	31 1	12	53 4	12	80 0				
4	14 9	4	1 0	4	14 6	4	31 6	4	53 9	4	80 5				
6	14 6	6	0 7	6	14 3	6	32 0	6	54 3	6	81 0				
8	14 4	8	0 4	8	14 7	8	32 4	8	54 8	8	81 5				
11	14 1	51	0 1	61	15 6	71	32 8	81	55 3	91	82 0				
2	13 9	2	0 2	12	15 4	12	33 2	12	55 8	12	82 6				
4	13 6	4	0 4	14	15 7	14	33 6	14	56 3	14	83 1				
6	13 3	6	0 7	16	16 4	16	34 0	16	56 9	16	83 7				
8	13 0	8	1 0	18	17 1	18	34 5	18	57 4	18	84 2				
42	12 7	52	1 3	62	16 7	72	34 9	82	57 9	92	84 7				
12	12 5	12	1 5	12	17 1	12	35 3	12	58 5	12	85 3				
4	12 2	4	1 8	4	17 5	4	35 8	4	59 0	4	85 8				
6	11 9	6	2 1	6	17 8	6	36 2	6	59 5	6	86 3				
8	11 6	8	2 4	8	18 1	8	36 6	8	60 1	8	86 9				
43	11 3	53	2 7	63	18 4	73	37 6	83	60 6	93	87 4				
12	11 0	12	2 9	12	18 9	12	37 4	12	61 1	12	88 0				
4	10 8	4	3 2	4	19 2	4	37 9	4	61 7	4	88 5				
6	10 5	6	3 5	6	19 5	6	38 4	6	62 2	6	89 1				
8	10 2	8	3 8	8	19 9	8	38 8	8	62 8	8	89 8				
44	9 9	54	4 1	64	20 2	74	39 2	84	63 3	94	90 2				
2	9 6	2	4 4	2	20 6	2	39 6	2	63 9	2	90 7				
4	9 4	4	4 7	4	20 9	4	40 0	4	64 4	4	91 2				
6	9 1	6	5 0	6	21 3	6	40 5	6	65 0	6	91 7				
8	8 8	8	5 3	8	21 6	8	40 9	8	65 5	8	92 2				
45	8 5	55	5 6	65	22 0	75	41 3	85	66 1	95	92 7				
12	8 2	12	5 9	12	22 3	12	41 8	12	66 7	12	93 2				
4	7 9	4	6 2	4	22 7	4	42 2	4	67 2	4	93 7				
6	7 7	6	6 5	6	23 0	6	42 7	6	67 8	6	94 3				
8	7 4	8	6 8	8	23 3	8	43 1	8	68 3	8	94 8				
46	7 1	56	7 1	66	23 7	76	43 6	86	68 9	96	95 3				
12	6 8	12	7 4	12	24 6	12	44 1	12	69 4	12	95 8				
4	6 5	4	7 7	4	24 4	4	44 5	4	70 0	4	96 3				
6	6 3	6	8 0	6	24 7	6	44 9	6	70 5	6	96 9				
8	6 0	8	8 3	8	25 0	8	45 4	8	71 1	8	97 4				
47	5 7	57	8 6	67	25 4	77	45 9	87	71 6	97	97 9				
2	5 4	2	8 9	2	25 7	2	46 4	2	72 2	2	98 4				
4	5 1	4	9 2	4	26 1	4	46 8	4	72 7	4	98 9				
6	4 9	6	9 5	6	26 4	6	47 3	6	73 3	6	99 4				
8	4 6	8	9 8	8	26 8	8	47 7	8	73 8	8	99 9				
48	4 3	58	10 1	68	27 1	78	48 2	88	74 4	98					
12	4 0	12	10 4	12	27 5	12	48 6	12	74 9	12					
4	3 7	4	10 7	4	27 8	4	49 2	4	75 4	4					
6	3 5	6	11 0	6	28 2	6	49 7	6	75 9	6					
8	3 2	8	11 3	8	28 6	8	50 1	8	76 5	8					
49	3 2	59	11 7	69	28 9	79	50 6	89	77 0	99					
12	2 9	12	12 0	12	29 3	12	51 1	12	77 5	12					
4	2 7	4	12 3	4	29 7	4	51 5	4	78 0	4					
6	2 4	6	12 7	6	30 1	6	52 6	6	78 6	6					
8	2 1	8	13 0	8	30 5	8	52 9	8	79 1	8					
50	1 6	60	13 3	70	30 8	80		90	79 5	100					

GLASS HYDROMETER.

A

Temperature 94° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	73 4	10	66 9	0	58 9	10	49 7	20	39 9	30	27 5
2	73 3	2	66 7	2	58 7	2	49 5	2	38 7	2	27 3
4	73 1	4	66 6	4	58 5	4	49 3	4	38 4	4	27 0
6	72 8	6	66 5	6	58 4	6	49 1	6	38 2	6	26 9
8	72 7	8	66 3	8	58 2	8	48 9	8	37 9	8	26 6
1	72 6	11	66 2	1	58 0	11	48 7	21	37 7	31	26 3
2	72 4	2	66 0	2	57 9	2	48 5	2	37 5	2	26 0
4	72 3	4	65 9	4	57 7	4	48 3	4	37 3	4	25 8
6	72 2	6	65 7	6	57 5	6	48 1	6	37 0	6	25 5
8	72 0	8	65 6	8	57 3	8	47 9	8	36 8	8	25 3
2	71 9	12	65 4	2	57 1	12	47 7	22	36 6	32	25 0
4	71 8	2	65 3	2	57 0	2	47 5	2	36 4	2	24 8
6	71 7	4	65 1	4	56 8	4	47 3	4	36 1	4	24 5
8	71 5	6	65 0	6	56 6	6	47 1	6	35 9	6	24 3
3	71 4	8	64 8	8	56 4	8	46 9	8	35 7	8	24 1
2	71 3	13	64 7	3	56 2	13	46 7	23	35 5	33	23 8
4	71 2	2	64 6	2	56 1	2	46 5	2	35 3	2	23 6
6	71 0	4	64 4	4	55 9	4	46 3	4	35 1	4	23 4
8	70 9	6	64 2	6	55 7	6	46 0	6	34 9	6	23 1
4	70 8	8	64 1	8	55 5	8	45 8	8	34 7	8	22 9
2	70 6	14	63 9	4	55 3	14	45 6	24	34 4	34	22 6
4	70 5	2	63 7	2	55 1	2	45 4	2	34 2	2	22 4
6	70 4	4	63 6	4	54 9	4	45 2	4	33 9	4	22 1
8	70 2	6	63 4	6	54 7	6	45 0	6	33 7	6	21 9
5	70 1	8	63 2	9	54 5	8	44 7	8	33 5	8	21 7
2	70 0	15	63 1	5	54 3	15	44 6	25	33 3	35	21 4
4	69 9	2	62 9	2	54 2	2	44 3	2	33 1	2	21 2
6	69 7	4	62 7	4	54 1	4	44 1	4	32 9	4	20 9
8	69 6	6	62 6	6	53 9	6	43 9	6	32 6	6	20 7
6	69 5	8	62 4	8	53 7	8	43 7	8	32 4	8	20 4
2	69 3	16	62 2	6	53 5	16	43 5	26	32 1	36	20 2
4	69 2	2	62 1	2	53 3	2	43 2	2	31 9	2	19 9
6	69 1	4	61 9	4	53 1	4	42 9	4	31 7	4	19 7
8	68 9	6	61 7	6	53 0	6	42 7	6	31 5	6	19 4
7	68 8	8	61 6	8	52 8	8	42 6	8	31 3	8	19 2
2	68 7	17	61 4	7	52 6	17	42 3	27	31 1	37	18 9
4	68 5	2	61 2	2	52 4	2	42 1	2	30 9	2	18 7
6	68 4	4	61 1	4	52 2	4	41 8	4	30 7	4	18 4
8	68 3	6	60 9	6	52 0	6	41 6	6	30 3	6	18 2
8	68 1	8	60 7	8	51 8	8	41 3	8	30 1	8	17 9
2	68 0	18	60 6	8	51 7	18	41 1	28	29 9	38	17 7
4	67 9	2	60 4	2	51 5	2	40 8	2	29 6	2	17 4
6	67 7	4	60 2	4	51 3	4	40 6	4	29 4	4	17 2
8	67 6	6	60 1	6	51 1	6	40 4	6	29 1	6	16 9
9	67 5	8	60 0	8	50 9	8	40 2	8	28 9	8	16 7
2	67 4	19	59 8	9	50 7	19	39 9	29	28 6	39	16 4
4	67 2	2	59 6	2	50 5	2	39 7	2	28 4	2	16 2
6	67 1	4	59 4	4	50 3	4	39 5	4	28 1	4	15 9
8	67 0	6	59 3	6	50 1	6	39 3	6	27 9	6	15 7
10	66 9	8	59 1	8	49 8	8	39 1	8	27 7	8	15 4
		20	58 9	10	49 7	20	38 9	30	27 5	40	15 2

Temperature 94° F.

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GLASS HYDROMETER.

A

Temperature 95° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0	73 1	16	66 6	0	58 6	10	49 4	20	38 5	30	27 2				
2	73 0	18	66 5	2	58 4	12	49 2	22	38 3	32	26 9				
4	72 8	4	66 3	4	58 2	4	49 0	4	38 1	4	26 7				
6	72 7	6	66 2	6	58 1	6	48 8	6	37 9	6	26 4				
8	72 6	8	66 0	8	57 9	8	48 6	8	37 7	8	26 2				
1	72 5	11	65 9	1	57 7	11	48 4	21	37 4	31	25 9				
2	72 3	2	65 7	2	57 6	2	48 2	2	37 1	2	25 7				
4	72 2	4	65 6	4	57 4	4	48 0	4	36 9	4	25 6				
6	72 1	6	65 4	6	57 3	6	47 8	6	36 7	6	25 2				
8	72 0	8	65 3	8	57 1	8	47 6	8	36 5	8	24 0				
2	71 8	12	65 1	2	56 9	12	47 4	22	36 3	32	24 7				
2	71 7	2	65 0	2	56 7	2	47 2	2	36 1	2	24 5				
4	71 6	4	64 8	4	56 5	4	47 0	4	35 9	4	24 2				
6	71 4	6	64 7	6	56 3	6	46 8	6	35 7	6	24 6				
8	71 3	8	64 5	8	56 1	8	46 6	8	35 4	8	23 7				
3	71 2	13	64 4	3	55 9	13	46 3	23	35 2	33	23 5				
2	71 0	2	64 2	2	55 8	2	46 1	2	35 0	2	23 2				
4	70 9	4	64 1	4	55 6	4	45 9	4	34 8	4	23 0				
6	70 8	6	63 9	6	55 4	6	45 7	6	34 5	6	22 7				
8	70 7	8	63 8	8	55 2	8	45 5	8	34 3	8	22 5				
4	70 5	14	63 6	4	55 0	14	45 3	24	34 1	34	22 3				
2	70 4	2	63 4	2	54 9	2	45 1	2	33 9	2	22 6				
4	70 3	4	63 3	4	54 7	4	44 9	4	33 7	4	21 7				
6	70 1	6	63 1	6	54 5	6	44 7	6	33 5	6	21 4				
8	70 0	8	62 9	8	54 3	8	44 4	8	33 2	8	21 2				
5	69 9	15	62 8	5	54 1	15	44 2	25	33 0	25	20 6				
2	69 7	2	62 6	2	53 9	2	44 0	2	32 7	2	26 7				
4	69 6	4	62 4	4	53 8	4	43 8	4	32 5	4	26 5				
6	69 5	6	62 3	6	53 6	6	43 6	6	32 3	6	26 2				
8	69 3	8	62 1	8	53 5	8	43 4	8	32 1	8	26 0				
6	69 2	10	61 9	6	53 3	10	43 1	20	31 9	30	19 7				
2	69 1	2	61 8	2	53 1	2	42 9	2	31 7	2	19 4				
4	68 9	4	61 6	4	52 9	4	42 6	4	31 4	4	19 2				
6	68 8	6	61 4	6	52 7	6	42 4	6	31 2	6	18 9				
8	68 7	8	61 3	8	52 5	8	42 1	8	30 9	8	18 7				
7	68 5	17	61 1	7	52 3	17	41 9	27	30 7	37	18 5				
2	68 4	2	60 9	2	52 1	2	41 7	2	30 5	2	18 2				
4	68 3	4	60 8	4	51 9	4	41 5	4	30 3	4	18 6				
6	68 2	6	60 6	6	51 7	6	41 2	6	30 0	6	17 7				
8	68 6	8	60 4	8	51 5	8	41 0	8	29 8	8	17 5				
8	67 9	18	60 3	8	51 3	18	40 8	26	29 5	38	17 2				
2	67 8	2	60 1	2	51 2	2	40 5	2	29 3	2	16 6				
4	67 7	4	59 9	4	51 0	4	40 3	4	29 1	4	16 7				
6	67 5	6	59 8	6	50 8	6	40 1	6	28 9	6	16 4				
8	67 4	8	59 6	8	50 5	8	39 9	8	28 7	8	16 2				
9	67 3	19	59 4	9	50 3	19	39 6	29	28 5	39	16 0				
2	67 1	2	59 3	2	50 1	2	39 4	2	28 3	2	15 7				
4	67 0	4	59 1	4	49 9	4	39 2	4	28 1	4	15 5				
6	66 9	6	58 9	6	49 7	6	39 0	6	27 8	6	15 3				
8	66 7	8	58 7	8	49 5	8	38 7	8	27 5	8	15 0				
10	66 6	20	58 6	10	49 4	20	38 5	30	27 2	40	14 8				

GLASS HYDROMETER.

Temperature 95° F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	14 8	50	0 8	60	14 1	70	31 6	80	53 7	90	80 1				
2	14 6	2	0 5	2	14 6	2	31 0	2	54 2	2	80 0				
4	14 2	4	0 2	4	14 0	4	32 3	4	54 7	4	81 1				
6	13 9	6		6	15 2	6	32 7	6	55 1	6	81 6				
8	13 6	8	0 3	8	15 5	8	33 2	8	55 6	8	82 1				
41	13 4	51	0 6	61	15 9	71	33 6	81	56 1	91	82 6				
2	13 1	2	0 6	2	16 2	2	34 0	2	56 6	2	83 2				
4	12 8	4	1 2	4	16 5	4	34 5	4	57 1	4	83 7				
6	12 5	6	1 5	6	16 8	6	34 9	6	57 7	6	84 3				
8	12 3	8	1 8	8	17 2	8	35 4	8	58 2	8	84 8				
42	12 0	62	2 1	62	17 6	72	35 8	82	59 7	92	85 3				
2	11 7	2	2 3	2	17 9	2	36 2	2	59 3	2	85 9				
4	11 4	4	2 0	4	18 2	4	36 6	4	59 8	4	86 4				
6	11 1	6	2 0	6	18 5	6	37 0	6	60 3	6	86 9				
8	10 8	8	3 2	8	18 9	8	37 4	8	60 9	8	87 5				
43	10 5	53	3 6	63	19 2	73	37 8	83	61 4	93	88 0				
2	10 2	2	3 7	2	19 6	2	38 3	2	61 9	2	88 5				
4	10 0	4	4 0	4	20 0	4	38 7	4	62 5	4	89 1				
6	9 7	6	4 3	6	20 3	6	39 2	6	63 0	6	89 6				
8	9 4	8	4 6	8	20 7	8	39 6	8	63 5	8	90 2				
44	9 1	54	4 9	64	21 1	74	40 0	84	64 1	94	90 7				
2	8 8	2	5 2	2	21 5	2	40 4	2	64 6	2	91 2				
4	8 6	4	5 5	4	21 8	4	40 9	4	65 2	4	91 7				
6	8 3	6	5 8	6	22 2	6	41 3	6	65 7	6	92 2				
8	8 0	8	6 1	8	22 5	8	41 8	8	66 3	8	92 7				
45	7 7	55	6 4	65	22 8	75	42 2	85	66 8	95	93 2				
2	7 4	2	6 7	2	23 2	2	42 7	2	67 4	2	93 7				
4	7 1	4	7 0	4	23 5	4	43 1	4	67 9	4	94 2				
6	6 9	6	7 3	6	23 8	6	43 5	6	68 5	6	94 7				
8	6 6	8	7 6	8	24 1	8	43 9	8	68 8	8	95 2				
46	6 3	56	7 9	66	24 5	76	44 4	86	69 6	96	95 6				
2	6 0	2	8 2	2	24 8	2	44 8	2	70 1	2	96 3				
4	5 8	4	8 5	4	25 2	4	45 3	4	70 7	4	96 8				
6	5 5	6	8 8	6	25 5	6	45 8	6	71 2	6	97 3				
8	5 2	8	9 1	8	25 8	8	46 3	8	71 8	8	97 9				
47	4 9	57	9 4	67	26 2	77	46 8	87	72 3	97	98 3				
2	4 6	2	9 7	2	26 5	2	47 3	2	72 9	2	98 8				
4	4 3	4	10 0	4	26 9	4	47 7	4	73 4	4	99 3				
6	4 1	6	10 3	6	27 2	6	48 2	6	73 9	6	99 8				
8	3 9	8	10 6	8	27 5	8	48 7	8	74 5	8					
48	3 6	58	10 9	68	27 9	78	49 1	88	75 0	98					
2	3 3	2	11 2	2	28 2	2	49 6	2	75 5	2					
4	3 1	4	11 5	4	28 6	4	50 0	4	76 0	4					
6	2 8	6	11 8	6	28 9	6	50 5	6	76 5	6					
8	2 5	8	12 1	8	29 3	8	50 9	8	77 1	8					
49	2 3	59	12 5	69	29 6	79	51 4	89	77 6	99					
2	2 0	2	12 8	2	30 0	2	51 9	2	78 1	2					
4	1 7	4	13 1	4	30 4	4	52 3	4	78 6	4					
6	1 4	6	13 5	6	30 8	6	52 8	6	79 1	6					
8	1 1	8	13 8	8	31 2	8	53 3	8	79 6	8					
50	0 8	60	14 1	70	31 6	80	53 7	90	80 1	100					

GLASS HYDROMETER.

A

Temperature 96° F

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0	72 9	10	66 4	0	58 4	10	49 1	20	38 2	30	26 9		
2	72 5	2	66 2	2	58 2	2	48 9	2	38 0	2	26 6		
4	72 6	4	66 1	4	58 0	4	48 7	4	37 7	4	26 4		
6	72 5	6	66 0	6	57 8	6	48 5	6	37 5	6	26 1		
8	72 4	8	65 8	8	57 7	8	48 3	8	37 3	8	25 9		
1	72 3	11	65 7	1	57 5	11	49 1	21	37 1	31	25 6		
2	72 1	2	65 5	2	57 3	2	47 9	2	36 8	2	25 3		
4	72 0	4	65 4	4	57 1	4	47 7	4	36 6	4	25 1		
6	71 0	6	65 2	6	57 0	6	47 5	6	36 4	6	24 9		
8	71 4	8	65 1	8	56 8	8	47 3	8	36 2	8	24 6		
2	71 6	12	64 9	2	56 6	12	47 1	22	36 0	32	24 3		
2	71 5	2	64 8	2	56 4	2	46 9	2	35 8	2	24 1		
4	71 4	4	64 6	4	56 2	4	46 7	4	35 5	4	23 9		
5	71 2	6	64 5	6	56 1	6	46 5	6	35 3	6	23 6		
6	71 1	8	64 3	8	55 9	8	46 3	8	35 1	8	23 3		
9	71 0	13	64 2	3	55 7	13	46 1	23	34 9	33	23 1		
2	70 8	2	64 0	2	55 5	2	45 9	2	34 7	2	22 8		
4	70 7	4	63 9	4	55 3	4	45 6	4	34 5	4	22 6		
6	70 6	6	63 7	6	55 1	6	45 4	6	34 2	6	22 3		
8	70 5	8	63 6	8	54 9	8	45 2	8	34 0	8	22 1		
4	70 3	14	63 4	4	54 7	14	45 0	24	33 8	34	21 8		
2	70 2	2	63 2	2	54 6	2	44 8	2	33 6	2	21 5		
4	70 1	4	63 1	4	54 4	4	44 6	4	33 3	4	21 3		
6	69 9	6	62 9	6	54 2	6	44 4	6	33 1	6	21 1		
9	69 8	8	62 7	8	54 0	8	44 1	8	32 9	8	20 8		
5	69 7	15	62 6	5	53 9	15	43 9	25	32 7	35	20 6		
2	69 5	2	62 4	2	53 7	2	43 7	2	32 4	2	20 3		
4	69 4	4	62 2	4	53 5	4	43 5	4	32 2	4	20 1		
6	69 3	6	62 1	6	53 3	6	43 3	6	32 0	6	19 8		
8	69 1	8	61 9	8	53 1	8	43 0	8	31 8	8	19 6		
0	69 0	10	61 7	6	53 0	16	42 7	26	31 5	36	19 4		
2	68 9	2	61 6	2	52 8	2	42 5	2	31 3	2	19 1		
4	68 7	4	61 4	4	52 6	4	42 3	4	31 1	4	18 9		
6	68 6	6	61 2	6	52 5	6	42 1	6	30 9	6	18 6		
8	68 5	8	61 1	8	52 3	8	41 8	8	30 6	8	18 4		
7	68 3	17	60 9	7	52 1	17	41 6	27	30 4	37	18 2		
2	68 2	2	60 7	2	51 9	2	41 4	2	30 2	2	18 0		
4	68 1	4	60 6	4	51 7	4	41 1	4	29 9	4	17 7		
6	68 0	6	60 4	6	51 5	6	40 9	6	29 7	6	17 5		
8	67 8	8	60 2	8	51 3	8	40 7	8	29 5	8	17 2		
8	67 7	18	60 1	8	51 1	18	40 5	28	29 2	38	17 0		
2	67 6	2	59 9	2	50 9	2	40 2	2	28 9	2	16 7		
4	67 5	4	59 7	4	50 7	4	40 0	4	28 7	4	16 5		
6	67 4	6	59 6	6	50 5	6	39 7	6	28 5	6	16 2		
8	67 2	8	59 4	8	50 3	8	39 5	8	28 3	8	16 0		
9	67 1	19	59 2	9	50 1	19	39 3	29	28 0	39	15 7		
2	66 9	2	59 1	2	49 9	2	39 1	2	27 8	2	15 5		
4	66 8	4	58 9	4	49 7	4	38 9	4	27 5	4	15 2		
6	66 7	6	58 7	6	49 5	6	38 7	6	27 3	6	14 9		
8	66 5	8	58 6	8	49 3	8	38 4	8	27 1	8	14 7		
10	66 4	20	58 4	10	49 1	20	38 2	30	26 9	40	14 4		

GLASS HYDROMETER

Temperature 96° F

Divs. on Stem.	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof
40	14.4	50	0.4	60	14.5	70	41.9	80	54.0	90	86.3				
2	14.1	2	0.1	2	14.9	2	32.3	2	54.5	2	86.3				
4	13.8	4	0.4	4	15.2	4	32.7	4	55.0	4	86.3				
6	13.5	6	0.6	6	15.6	6	33.1	6	55.5	6	86.8				
8	13.2	8	0.8	8	15.9	8	33.6	8	56.0	8	87.3				
41	13.0	51	0.9	61	16.3	71	34.0	81	56.5	91	87.8				
2	12.7	2	1.2	2	16.6	2	34.4	2	57.0	2	88.4				
4	12.4	4	1.5	4	16.9	4	34.9	4	57.5	4	88.9				
6	12.1	6	1.8	6	17.3	6	35.3	6	58.0	6	89.5				
8	11.9	8	2.1	8	17.6	8	35.8	8	58.5	8	90.0				
42	11.6	52	2.4	62	17.9	72	36.2	82	59.0	92	89.5				
2	11.3	2	2.6	2	18.3	2	36.6	2	59.5	2	89.1				
4	11.0	4	2.9	4	18.6	4	37.0	4	60.1	4	89.6				
6	10.7	6	3.2	6	18.9	6	37.4	6	60.6	6	89.1				
8	10.5	8	3.5	8	19.3	8	37.8	8	61.2	8	89.7				
43	10.2	53	3.8	63	19.7	73	38.3	83	61.7	93	89.2				
2	9.9	2	4.0	2	20.1	2	38.7	2	62.2	2	89.3				
4	9.6	4	4.3	4	20.4	4	39.2	4	62.7	4	89.4				
6	9.3	6	4.6	6	20.7	6	39.6	6	63.3	6	89.4				
8	9.0	8	4.9	8	21.1	8	40.0	8	63.8	8	90.1				
44	8.7	54	5.2	64	21.5	74	40.4	84	64.4	94	90.3				
2	8.4	2	5.5	2	21.8	2	40.9	2	64.9	2	91.4				
4	8.1	4	5.8	4	22.2	4	41.4	4	65.5	4	91.9				
6	7.9	6	6.1	6	22.6	6	41.8	6	66.0	6	92.4				
8	7.6	8	6.4	8	22.8	8	42.2	8	66.6	8	92.9				
45	7.3	55	6.7	65	23.2	75	42.6	85	67.1	95	93.4				
2	7.0	2	7.0	2	23.5	2	43.1	2	67.7	2	93.9				
4	6.8	4	7.3	4	23.8	4	43.6	4	68.2	4	94.4				
6	6.5	6	7.6	6	24.2	6	44.0	6	68.8	6	94.9				
8	6.3	8	7.9	8	24.5	8	44.4	8	69.3	8	95.4				
46	6.0	56	8.2	66	24.8	76	44.8	86	69.9	96	96.0				
2	5.7	2	8.5	2	25.1	2	45.3	2	70.4	2	96.5				
4	5.4	4	8.8	4	25.5	4	45.8	4	71.0	4	97.0				
6	5.1	6	9.1	6	25.8	6	46.2	6	71.5	6	97.5				
8	4.9	8	9.4	8	26.2	8	46.7	8	72.1	8	98.0				
47	4.6	57	9.7	67	26.5	77	47.2	87	72.6	97	98.5				
2	4.3	2	10.0	2	26.8	2	47.7	2	73.1	2	99.0				
4	4.0	4	10.3	4	27.2	4	48.1	4	73.6	4	99.5				
6	3.8	6	10.6	6	27.5	6	48.6	6	74.1	6	100.0				
8	3.5	8	10.9	8	27.8	8	49.1	8	74.7	8					
48	3.2	58	11.2	68	28.2	78	49.5	88	75.2	98					
2	2.9	2	11.5	2	28.5	2	50.0	2	75.7	2					
4	2.7	4	11.9	4	28.9	4	50.4	4	76.2	4					
6	2.4	6	12.2	6	29.2	6	50.9	6	76.7	6					
8	2.2	8	12.5	8	29.6	8	51.3	8	77.3	8					
49	1.9	59	12.9	69	30.0	79	51.8	89	77.8	99					
2	1.6	2	13.2	2	30.4	2	52.2	2	78.3	2					
4	1.3	4	13.5	4	30.8	4	52.7	4	78.8	4					
6	1.0	6	13.9	6	31.2	6	53.1	6	79.3	6					
8	0.7	8	14.2	8	31.6	8	53.6	8	79.8	8					
50	0.4	60	14.5	70	31.9	80	54.0	90	80.3	100					

GLASS HYDROMETER

A

Temperature 97° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	72 7	10	66 2	0	58 1	10	48 8	20	37 9	30	26 5		
2	72 6	2	66 0	2	58 0	2	48 6	2	37 7	2	26 3		
4	72 4	4	65 9	4	57 8	4	48 4	4	37 4	4	26 0		
6	72 3	6	65 8	6	57 6	6	48 2	6	37 2	6	25 7		
8	72 2	8	65 6	8	57 4	8	48 0	8	36 9	8	25 5		
1	72 1	11	65 5	1	57 3	11	47 8	21	36 7	31	25 3		
2	71 9	2	65 3	2	57 1	2	47 6	2	36 5	2	25 0		
4	71 8	4	65 2	4	56 9	4	47 4	4	36 3	4	24 8		
6	71 7	6	65 0	6	56 7	6	47 2	6	36 1	6	24 6		
8	71 6	8	64 9	8	56 5	8	47 0	8	35 0	8	24 3		
12	71 4	12	64 7	2	56 3	12	46 8	22	35 7	32	24 0		
2	71 3	2	64 6	2	56 1	2	46 6	2	35 5	2	23 8		
4	71 2	4	64 4	4	55 9	4	46 4	4	35 2	4	23 5		
6	71 0	6	64 2	6	55 8	6	46 2	6	35 0	6	23 3		
8	70 9	8	64 1	8	55 6	8	46 0	8	34 8	8	23 0		
2	70 8	13	64 0	3	55 4	13	45 7	23	34 6	33	22 8		
4	70 6	2	63 7	2	55 2	2	45 5	2	34 3	2	22 5		
6	70 5	4	63 6	4	55 0	4	45 3	4	34 1	4	22 2		
8	70 4	6	63 4	6	54 0	6	45 1	6	33 9	6	21 9		
2	70 3	8	63 3	8	54 7	8	44 9	8	33 7	8	21 7		
4	70 1	14	63 1	4	54 5	14	44 7	24	33 5	34	21 5		
6	70 0	2	62 9	2	54 3	2	44 5	2	33 3	2	21 2		
8	69 9	4	62 8	4	54 1	4	44 3	4	33 0	4	21 0		
2	69 7	0	62 6	0	53 9	0	44 1	6	32 8	6	20 7		
4	69 6	8	62 4	8	53 7	8	43 8	8	32 5	8	20 5		
6	69 5	15	62 3	5	53 6	15	43 6	25	32 3	35	20 3		
8	69 3	2	62 1	2	53 5	2	43 4	2	32 1	2	20 0		
2	69 2	4	61 9	4	53 3	4	43 1	4	31 0	4	19 8		
4	69 1	6	61 8	6	53 1	6	42 9	6	31 7	6	19 5		
6	68 9	8	61 6	8	52 9	8	42 6	8	31 5	8	19 3		
8	68 8	10	61 4	6	52 7	16	42 4	26	31 2	36	19 1		
2	68 7	2	61 3	2	52 5	2	42 2	2	31 0	2	18 8		
4	68 5	4	61 1	4	52 3	4	41 9	4	30 7	4	18 6		
6	68 4	6	60 9	6	52 1	6	41 7	6	30 5	6	18 3		
8	68 3	8	60 8	8	51 9	8	41 5	8	30 3	8	18 1		
2	68 1	17	60 6	7	51 8	17	41 3	27	30 1	37	17 8		
4	68 0	2	60 4	2	51 6	2	41 0	2	29 9	2	17 5		
6	67 9	4	60 3	4	51 4	4	40 8	4	29 6	4	17 3		
8	67 8	6	60 1	6	51 2	6	40 6	6	29 3	6	17 0		
2	67 6	8	59 9	8	51 0	8	40 3	8	29 1	8	16 8		
4	67 5	14	59 8	8	50 8	18	40 1	28	28 9	38	16 5		
6	67 4	2	59 6	2	50 6	2	39 9	2	28 6	2	16 2		
8	67 3	4	59 4	4	50 4	4	39 7	4	28 4	4	15 9		
2	67 1	6	59 3	6	50 2	6	39 5	6	28 1	6	15 6		
4	67 0	8	59 1	8	50 0	8	39 3	8	27 9	8	15 4		
6	66 9	10	58 9	9	49 8	19	39 0	29	27 7	39	15 1		
8	66 7	2	58 8	2	49 6	2	38 8	2	27 5	2	14 9		
2	66 6	4	58 6	4	49 4	4	38 5	4	27 2	4	14 7		
4	66 5	6	58 4	6	49 2	6	38 3	6	27 0	6	14 4		
6	66 3	8	58 2	8	49 0	8	38 1	8	26 7	8	14 2		
10	66 2	20	58 1	10	48 8	20	37 9	30	26 5	40	13 9		

GLASS HYDROMETER.

Temperature 97° F.

Days on Stem	Per cent. over Proof	Days on Stem	Per cent. over Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof
40	13.9	50	0.1	60	17.0	70	32.3	80	54.4	90	80.5
12	13.6	12	0.1	12	15.4	12	32.7	12	54.0	12	81.0
4	13.4	4	0.5	4	15.7	4	33.2	4	55.4	4	81.5
6	13.1	6	0.8	6	16.0	6	33.6	6	55.0	6	82.0
8	12.9	8	1.0	8	16.3	8	34.1	8	56.4	8	82.5
41	12.6	51	1.3	61	16.6	71	34.5	81	56.0	91	83.0
12	12.3	12	1.6	12	17.0	12	34.9	12	57.4	12	83.6
4	12.1	4	1.9	4	17.3	4	35.4	4	57.9	4	84.1
6	11.8	6	2.2	6	17.6	6	35.8	6	58.4	6	84.7
8	11.5	8	2.5	8	18.0	8	36.2	8	58.9	8	85.3
42	11.2	52	2.8	62	18.3	72	36.6	82	59.4	92	85.9
12	10.9	12	3.0	12	18.7	12	37.0	12	60.0	12	86.4
4	10.7	4	3.3	4	19.0	4	37.4	4	60.5	4	86.9
6	10.4	6	3.6	6	19.3	6	37.8	6	61.0	6	87.4
8	10.1	8	3.9	8	19.7	8	38.2	8	61.5	8	88.0
43	9.8	53	4.1	63	20.1	73	38.7	83	62.0	93	88.5
12	9.5	12	4.4	12	20.5	12	39.1	12	62.5	12	89.1
4	9.2	4	4.7	4	20.9	4	39.6	4	63.1	4	89.6
6	8.9	6	5.0	6	21.2	6	40.0	6	63.6	6	90.1
8	8.6	8	5.3	8	21.5	8	40.4	8	64.1	8	90.6
44	8.3	54	5.6	64	21.9	74	40.9	84	64.7	94	91.1
12	8.0	12	5.9	12	22.2	12	41.3	12	65.2	12	91.6
4	7.8	4	6.2	4	22.6	4	41.8	4	65.8	4	92.1
6	7.5	6	6.5	6	22.9	6	42.2	6	66.3	6	92.7
8	7.3	8	6.8	8	23.2	8	42.6	8	66.9	8	93.2
45	7.0	55	7.1	65	23.6	75	43.1	85	67.4	95	93.7
12	6.7	12	7.4	12	23.9	12	43.5	12	68.0	12	94.2
4	6.4	4	7.7	4	24.2	4	43.9	4	68.5	4	94.7
6	6.1	6	8.0	6	24.6	6	44.3	6	69.1	6	95.2
8	5.9	8	8.3	8	24.9	8	44.8	8	69.6	8	95.7
46	5.6	56	8.6	66	25.2	76	45.2	86	70.2	96	96.2
12	5.3	12	8.9	12	25.6	12	45.7	12	70.7	12	96.7
4	5.0	4	9.2	4	25.9	4	46.2	4	71.3	4	97.2
6	4.7	6	9.5	6	26.2	6	46.7	6	71.8	6	97.7
8	4.5	8	9.8	8	26.5	8	47.2	8	72.4	8	98.2
47	4.3	57	10.1	67	26.9	77	47.6	87	72.9	97	98.7
12	4.0	12	10.4	12	27.2	12	48.1	12	73.4	12	99.2
4	3.7	4	10.7	4	27.6	4	48.5	4	73.9	4	99.7
6	3.5	6	11.0	6	27.9	6	49.0	6	74.4	6	
8	3.2	8	11.3	8	28.2	8	49.5	8	75.0	8	
48	2.9	58	11.6	68	28.6	78	49.9	88	75.5	98	
12	2.7	12	11.9	12	28.9	12	50.4	12	76.0	12	
4	2.4	4	12.3	4	29.3	4	50.8	4	76.5	4	
6	2.1	6	12.6	6	29.6	6	51.3	6	77.0	6	
8	1.9	8	12.9	8	30.0	8	51.7	8	77.5	8	
49	1.6	59	13.3	69	30.4	79	52.2	89	78.0	99	
12	1.3	12	13.6	12	30.8	12	52.6	12	78.5	12	
4	1.0	4	13.9	4	31.2	4	53.1	4	79.0	4	
6	0.7	6	14.3	6	31.5	6	53.5	6	79.5	6	
8	0.4	8	14.6	8	31.9	8	54.0	8	80.0	8	
50	0.1	60	15.0	70	32.3	80	54.4	90	80.5	100	

A

Temperature 98° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0	72 5	10	65 9	0	57 9	10	48 6	20	37 5	30	26 2	0	72 4	10	65 7
1	72 4	2	65 7	2	57 7	2	48 3	2	37 3	2	25 9	1	72 3	2	65 6
2	72 2	4	65 6	4	57 5	4	48 1	4	37 1	4	25 7	2	72 1	4	65 5
3	72 0	6	65 5	6	57 3	6	47 9	6	36 9	6	25 5	3	72 0	6	65 3
4	71 9	8	65 3	8	57 1	8	47 7	8	36 7	8	25 3	4	71 9	8	65 2
5	71 7	11	65 2	11	57 0	11	47 5	11	36 5	11	25 1	5	71 7	11	65 0
6	71 6	2	65 0	2	56 8	2	47 3	2	36 3	2	24 7	6	71 6	2	64 9
7	71 5	4	64 9	4	56 6	4	47 1	4	36 2	4	24 4	7	71 5	4	64 7
8	71 4	6	64 7	6	56 4	6	46 9	6	35 8	6	24 2	8	71 4	6	64 6
9	71 2	8	64 6	8	56 2	8	46 7	8	35 6	8	23 9	9	71 2	8	64 4
10	71 1	12	64 4	12	56 1	12	46 5	12	35 4	12	23 6	10	71 1	12	64 3
11	71 0	2	64 3	2	55 9	2	46 3	2	35 2	2	23 3	11	71 0	2	64 1
12	70 8	4	64 1	4	55 7	4	46 1	4	35 0	4	23 1	12	70 8	4	64 0
13	70 7	6	64 0	6	55 5	6	45 9	6	34 7	6	22 9	13	70 7	6	63 8
14	70 6	8	63 8	8	55 3	8	45 7	8	34 5	8	22 6	14	70 6	8	63 7
15	70 4	11	63 7	11	55 1	11	45 4	11	34 3	11	22 4	15	70 4	11	63 6
16	70 3	2	63 5	2	54 9	2	45 2	2	34 1	2	22 1	16	70 3	2	63 5
17	70 2	4	63 3	4	54 7	4	45 0	4	33 9	4	21 9	17	70 2	4	63 3
18	70 1	6	63 2	6	54 6	6	44 8	6	33 8	6	21 6	18	70 1	6	63 2
19	70 0	8	63 0	8	54 4	8	44 6	8	33 6	8	21 4	19	70 0	8	63 0
20	69 8	11	62 9	11	54 3	11	44 4	11	33 4	11	21 1	20	69 8	11	62 9
21	69 7	2	62 7	2	54 1	2	44 2	2	33 2	2	20 7	21	69 7	2	62 7
22	69 6	4	62 5	4	53 9	4	43 9	4	32 9	4	20 4	22	69 6	4	62 5
23	69 5	6	62 4	6	53 7	6	43 7	6	32 7	6	20 2	23	69 5	6	62 4
24	69 4	8	62 2	8	53 5	8	43 5	8	32 5	8	19 9	24	69 4	8	62 2
25	69 3	15	62 0	15	53 3	15	43 3	15	32 3	15	19 6	25	69 3	15	62 0
26	69 1	2	61 9	2	53 1	2	43 1	2	32 1	2	19 3	26	69 1	2	61 9
27	69 0	4	61 7	4	52 9	4	42 9	4	31 9	4	19 0	27	69 0	4	61 7
28	68 8	6	61 5	6	52 8	6	42 8	6	31 8	6	18 7	28	68 8	6	61 5
29	68 7	8	61 4	8	52 6	8	42 6	8	31 6	8	18 4	29	68 7	8	61 4
30	68 6	16	61 2	16	52 4	16	42 4	16	31 4	16	18 1	30	68 6	16	61 2
31	68 5	2	61 0	2	52 3	2	41 8	2	30 7	2	17 8	31	68 5	2	61 0
32	68 4	4	60 9	4	52 1	4	41 6	4	30 5	4	17 5	32	68 4	4	60 9
33	68 3	6	60 7	6	51 9	6	41 4	6	30 2	6	17 2	33	68 3	6	60 7
34	68 2	8	60 5	8	51 7	8	41 2	8	29 9	8	16 9	34	68 2	8	60 5
35	68 1	17	60 1	17	51 5	17	40 9	17	29 7	17	16 6	35	68 1	17	60 1
36	67 9	2	60 2	2	51 3	2	40 7	2	29 5	2	16 3	36	67 9	2	60 2
37	67 8	4	60 0	4	51 1	4	40 5	4	29 3	4	16 0	37	67 8	4	60 0
38	67 7	6	59 9	6	50 9	6	40 3	6	29 1	6	15 7	38	67 7	6	59 9
39	67 6	8	59 7	8	50 7	8	40 0	8	28 8	8	15 4	39	67 6	8	59 7
40	67 5	18	59 5	18	50 5	18	39 8	18	28 5	18	15 1	40	67 5	18	59 5
41	67 4	2	59 4	2	50 3	2	39 6	2	28 3	2	14 8	41	67 4	2	59 4
42	67 3	4	59 2	4	50 1	4	39 4	4	28 1	4	14 5	42	67 3	4	59 2
43	67 2	6	59 0	6	49 9	6	39 1	6	27 8	6	14 2	43	67 2	6	59 0
44	67 1	8	58 9	8	49 7	8	38 9	8	27 6	8	13 9	44	67 1	8	58 9
45	67 0	9	58 7	9	49 5	9	38 7	9	27 3	9	13 6	45	67 0	9	58 7
46	66 8	19	58 5	19	49 3	19	38 5	19	27 1	19	13 3	46	66 8	19	58 5
47	66 7	2	58 4	2	49 1	2	38 3	2	26 9	2	13 0	47	66 7	2	58 4
48	66 6	4	58 2	4	48 9	4	38 1	4	26 7	4	12 7	48	66 6	4	58 2
49	66 5	6	58 1	6	48 7	6	37 9	6	26 4	6	12 4	49	66 5	6	58 1
50	66 4	8	57 9	8	48 5	8	37 7	8	26 2	8	12 1	50	66 4	8	57 9
51	66 3	19	57 7	19	48 3	19	37 5	19	26 0	19	11 8	51	66 3	19	57 7

GLASS HYDROMETER.

Temperature 98° F.

Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof	
40	13 6	50	0 3	50	15 4	70	32 8	80	54 8	90	80 7																				
2	13 3		0 6	2	15 7	2	33 2	2	55 3	2	81 2																				
4	13 1		0 6	4	16 0	4	33 6	4	55 8	4	81 7																				
6	12 8		1 1	6	16 3	6	34 0	6	56 3	6	82 2																				
8	12 5		1 4	8	16 7	8	34 5	8	56 8	8	82 8																				
41	12 2	61	1 7	61	17 0	71	34 9	81	57 3	91	83 3																				
2	11 0		2 0	2	17 4	2	35 4	2	57 8	2	83 6																				
4	11 7		2 3	4	17 7	4	35 6	4	58 3	4	84 4																				
6	11 4		2 6	6	18 0	6	36 2	6	58 8	6	85 0																				
8	11 1		2 8	8	18 4	8	36 6	8	59 3	8	85 5																				
42	10 6	52	3 1	62	18 7	72	37 0	82	59 8	92	86 0																				
2	10 6		3 4	2	19 1	2	37 5	2	60 3	2	86 6																				
4	10 3		3 7	4	19 4	4	37 9	4	60 8	4	87 1																				
6	10 0		4 0	6	19 7	6	38 3	6	61 3	6	87 7																				
8	9 7		4 3	8	20 1	8	38 7	8	61 6	8	88 2																				
43	6 4	53	4 5	63	20 5	73	39 2	83	62 4	93	88 8																				
2	6 1		4 8	2	20 9	2	39 6	2	62 6	2	86 3																				
4	6 8		5 1	4	21 3	4	40 0	4	63 4	4	89 8																				
6	8 5		6 4	6	21 6	6	40 4	6	63 9	6	90 3																				
8	8 2		5 7	8	21 9	8	40 9	8	64 4	8	90 6																				
44	6 0	54	6 0	64	22 3	74	41 3	84	65 0	94	91 4																				
2	7 7		6 3	2	22 6	2	41 8	2	65 5	2	91 9																				
4	7 4		6 6	4	23 0	4	42 2	4	66 1	4	92 4																				
6	7 1		6 9	6	23 3	6	42 6	6	66 6	6	92 6																				
8	6 9		7 2	8	23 6	8	43 0	8	67 2	8	93 4																				
45	6 6	55	7 5	65	24 0	75	43 6	85	67 7	95	93 9																				
2	6 3		7 8	2	24 3	2	43 9	2	68 3	2	94 4																				
4	6 1		8 1	4	24 6	4	44 4	4	68 8	4	94 6																				
6	5 8		8 4	6	25 0	6	44 8	6	69 4	6	95 4																				
8	5 5		4 7	8	25 3	8	45 2	8	69 9	8	95 9																				
46	5 2	56	9 0	66	25 6	76	45 7	86	70 5	96	96 5																				
2	4 9		9 3	2	26 0	2	46 2	2	71 0	2	97 0																				
4	4 7		9 6	4	26 3	4	46 7	4	71 6	4	97 5																				
6	4 4		9 9	6	26 6	6	47 1	6	72 1	6	98 0																				
8	4 2		10 2	8	26 9	8	47 6	8	72 7	8	98 5																				
47	3 9	57	10 6	67	27 3	77	48 0	87	73 2	97	99 0																				
2	3 6		10 8	2	27 6	2	48 6	2	73 7	2	99 5																				
4	3 3		11 1	4	28 0	4	49 0	4	74 2	4	100 0																				
6	3 1		11 4	6	28 3	6	49 4	6	74 7	6																					
8	2 9		11 7	8	28 7	8	49 9	8	75 2	8																					
48	2 6	58	12 0	68	29 0	78	50 3	88	75 7	98																					
2	2 3		12 3	2	29 4	2	50 8	2	76 2	2																					
4	2 0		12 7	4	29 7	4	51 2	4	76 7	4																					
6	1 7		13 0	6	30 1	6	51 7	6	77 2	6																					
8	1 5		13 3	8	30 5	8	52 1	8	77 7	8																					
49	1 2	59	13 7	69	30 9	79	52 6	89	78 2	99																					
2	0 9		14 0	2	31 2	2	53 0	2	78 7	2																					
4	0 6		14 3	4	31 6	4	53 5	4	79 2	4																					
6	0 3		14 7	6	32 0	6	53 9	6	79 7	6																					
8			15 0	8	32 4	8	54 4	8	80 2	8																					
50	0 3	60	15 4	70	32 8	80	54 8	90	80 7	100																					

GLASS HYDROMETER.

A

Temperature 98° F

D ₁ on Stem A	Per cent over Proof	D ₁ on Stem, A	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof
0	72.5	10	65.9	0	57.9	10	48.5	20	37.5	30	26.2	0	72.4	10	65.7
1	72.2	11	65.6	1	57.7	11	48.3	21	37.3	31	25.9	1	72.1	11	65.5
2	72.0	12	65.3	2	57.5	12	48.1	22	37.1	32	25.7	2	71.9	12	65.3
3	71.9	13	65.2	3	57.3	13	47.9	23	36.9	33	25.4	3	71.7	13	65.2
4	71.6	14	65.0	4	57.1	14	47.7	24	36.7	34	25.2	4	71.5	14	64.9
5	71.5	15	64.7	5	56.9	15	47.5	25	36.5	35	24.9	5	71.4	15	64.7
6	71.4	16	64.6	6	56.6	16	47.3	26	36.3	36	24.7	6	71.2	16	64.6
7	71.2	17	64.4	7	56.4	17	47.1	27	36.2	37	24.5	7	71.1	17	64.4
8	71.1	18	64.3	8	56.2	18	46.9	28	36.0	38	24.2	8	70.9	18	64.3
9	70.8	19	64.1	9	56.0	19	46.7	29	35.8	39	23.9	9	70.7	19	64.1
10	70.7	20	64.0	10	55.9	20	46.5	30	35.6	40	23.8	10	70.6	20	63.9
11	70.6	21	63.9	11	55.7	21	46.3	31	35.4	41	23.6	11	70.5	21	63.7
12	70.5	22	63.8	12	55.5	22	46.1	32	35.2	42	23.4	12	70.4	22	63.6
13	70.4	23	63.7	13	55.3	23	45.9	33	35.0	43	23.1	13	70.3	23	63.5
14	70.3	24	63.6	14	55.1	24	45.7	34	34.8	44	22.9	14	70.2	24	63.4
15	70.2	25	63.5	15	54.9	25	45.5	35	34.6	45	22.7	15	70.1	25	63.3
16	70.1	26	63.4	16	54.7	26	45.3	36	34.4	46	22.5	16	70.0	26	63.2
17	70.0	27	63.3	17	54.5	27	45.1	37	34.2	47	22.3	17	69.9	27	63.1
18	69.9	28	63.2	18	54.3	28	44.9	38	34.0	48	22.1	18	69.8	28	63.0
19	69.8	29	63.1	19	54.1	29	44.7	39	33.8	49	21.9	19	69.7	29	62.9
20	69.7	30	63.0	20	53.9	30	44.5	40	33.6	50	21.7	20	69.6	30	62.8
21	69.6	31	62.9	21	53.7	31	44.3	41	33.4	51	21.5	21	69.5	31	62.7
22	69.5	32	62.8	22	53.5	32	44.1	42	33.2	52	21.3	22	69.4	32	62.6
23	69.4	33	62.7	23	53.3	33	43.9	43	33.0	53	21.1	23	69.3	33	62.5
24	69.3	34	62.6	24	53.1	34	43.7	44	32.8	54	20.9	24	69.2	34	62.4
25	69.2	35	62.5	25	52.9	35	43.5	45	32.6	55	20.7	25	69.1	35	62.3
26	69.1	36	62.4	26	52.7	36	43.3	46	32.4	56	20.5	26	69.0	36	62.2
27	69.0	37	62.3	27	52.5	37	43.1	47	32.2	57	20.3	27	68.9	37	62.1
28	68.9	38	62.2	28	52.3	38	42.9	48	32.0	58	20.1	28	68.8	38	62.0
29	68.8	39	62.1	29	52.1	39	42.7	49	31.8	59	19.9	29	68.7	39	61.9
30	68.7	40	62.0	30	51.9	40	42.5	50	31.6	60	19.7	30	68.6	40	61.8
31	68.6	41	61.9	31	51.7	41	42.3	51	31.4	61	19.5	31	68.5	41	61.7
32	68.5	42	61.8	32	51.5	42	42.1	52	31.2	62	19.3	32	68.4	42	61.6
33	68.4	43	61.7	33	51.3	43	41.9	53	31.0	63	19.1	33	68.3	43	61.5
34	68.3	44	61.6	34	51.1	44	41.7	54	30.8	64	18.9	34	68.2	44	61.4
35	68.2	45	61.5	35	50.9	45	41.5	55	30.6	65	18.7	35	68.1	45	61.3
36	68.1	46	61.4	36	50.7	46	41.3	56	30.4	66	18.5	36	68.0	46	61.2
37	68.0	47	61.3	37	50.5	47	41.1	57	30.2	67	18.3	37	67.9	47	61.1
38	67.9	48	61.2	38	50.3	48	40.9	58	30.0	68	18.1	38	67.8	48	61.0
39	67.8	49	61.1	39	50.1	49	40.7	59	29.8	69	17.9	39	67.7	49	60.9
40	67.7	50	61.0	40	50.0	50	40.5	60	29.6	70	17.7	40	67.6	50	60.8
41	67.6	51	60.9	41	49.9	51	40.3	61	29.4	71	17.5	41	67.5	51	60.7
42	67.5	52	60.8	42	49.7	52	40.1	62	29.2	72	17.3	42	67.4	52	60.6
43	67.4	53	60.7	43	49.5	53	39.9	63	29.0	73	17.1	43	67.3	53	60.5
44	67.3	54	60.6	44	49.3	54	39.7	64	28.8	74	16.9	44	67.2	54	60.4
45	67.2	55	60.5	45	49.1	55	39.5	65	28.6	75	16.7	45	67.1	55	60.3
46	67.1	56	60.4	46	48.9	56	39.3	66	28.4	76	16.5	46	67.0	56	60.2
47	67.0	57	60.3	47	48.7	57	39.1	67	28.2	77	16.3	47	66.9	57	60.1
48	66.9	58	60.2	48	48.5	58	38.9	68	28.0	78	16.1	48	66.8	58	60.0
49	66.8	59	60.1	49	48.3	59	38.7	69	27.8	79	15.9	49	66.7	59	59.9
50	66.7	60	60.0	50	48.1	60	38.5	70	27.6	80	15.7	50	66.6	60	59.8
51	66.6	61	59.9	51	47.9	61	38.3	71	27.4	81	15.5	51	66.5	61	59.7
52	66.5	62	59.8	52	47.7	62	38.1	72	27.2	82	15.3	52	66.4	62	59.6
53	66.4	63	59.7	53	47.5	63	37.9	73	27.0	83	15.1	53	66.3	63	59.5
54	66.3	64	59.6	54	47.3	64	37.7	74	26.8	84	14.9	54	66.2	64	59.4
55	66.2	65	59.5	55	47.1	65	37.5	75	26.6	85	14.7	55	66.1	65	59.3
56	66.1	66	59.4	56	46.9	66	37.3	76	26.4	86	14.5	56	66.0	66	59.2
57	66.0	67	59.3	57	46.7	67	37.1	77	26.2	87	14.3	57	65.9	67	59.1
58	65.9	68	59.2	58	46.5	68	36.9	78	26.0	88	14.1	58	65.8	68	59.0
59	65.8	69	59.1	59	46.3	69	36.7	79	25.8	89	13.9	59	65.7	69	58.9
60	65.7	70	59.0	60	46.1	70	36.5	80	25.6	90	13.7	60	65.6	70	58.8
61	65.6	71	58.9	61	45.9	71	36.3	81	25.4	91	13.5	61	65.5	71	58.7
62	65.5	72	58.8	62	45.7	72	36.1	82	25.2	92	13.3	62	65.4	72	58.6
63	65.4	73	58.7	63	45.5	73	35.9	83	25.0	93	13.1	63	65.3	73	58.5
64	65.3	74	58.6	64	45.3	74	35.7	84	24.8	94	12.9	64	65.2	74	58.4
65	65.2	75	58.5	65	45.1	75	35.5	85	24.6	95	12.7	65	65.1	75	58.3
66	65.1	76	58.4	66	44.9	76	35.3	86	24.4	96	12.5	66	65.0	76	58.2
67	65.0	77	58.3	67	44.7	77	35.1	87	24.2	97	12.3	67	64.9	77	58.1
68	64.9	78	58.2	68	44.5	78	34.9	88	24.0	98	12.1	68	64.8	78	58.0
69	64.8	79	58.1	69	44.3	79	34.7	89	23.8	99	11.9	69	64.7	79	57.9
70	64.7	80	58.0	70	44.1	80	34.5	90	23.6	100	11.7	70	64.6	80	57.8
71	64.6	81	57.9	71	43.9	81	34.3	91	23.4			71	64.5	81	57.7
72	64.5	82	57.8	72	43.7	82	34.1	92	23.2			72	64.4	82	57.6
73	64.4	83	57.7	73	43.5	83	33.9	93	23.0			73	64.3	83	57.5
74	64.3	84	57.6	74	43.3	84	33.7	94	22.8			74	64.2	84	57.4
75	64.2	85	57.5	75	43.1	85	33.5	95	22.6			75	64.1	85	57.3
76	64.1	86	57.4	76	42.9	86	33.3	96	22.4			76	64.0	86	57.2
77	64.0	87	57.3	77	42.7	87	33.1	97	22.2			77	63.9	87	57.1
78	63.9	88	57.2	78	42.5	88	32.9	98	22.0			78	63.8	88	57.0
79	63.8	89	57.1	79	42.3	89	32.7	99	21.8			79	63.7	89	56.9
80	63.7	90	57.0	80	42.1	90	32.5					80	63.6	90	56.8
81	63.6	91	56.9	81	41.9	91	32.3					81	63.5	91	56.7
82	63.5	92	56.8	82	41.7	92	32.1					82	63.4	92	56.6
83	63.4	93	56.7	83	41.5	93	31.9					83	63.3	93	56.5
84	63.3	94	56.6	84	41.3	94	31.7					84	63.2	94	56.4
85	63.2	95	56.5	85	41.1	95	31.5					85	63.1	95	56.3
86	63.1	96	56.4	86	40.9	96	31.3					86	63.0	96	56.2
87	63.0	97	56.3	87	40.7	97	31.1					87	62.9	97	56.1
88	62.9	98	56.2	88	40.5	98	30.9					88	62.8	98	56.0
89	62.8	99	56.1	89	40.3	99	30.7					89	62.7	99	55.9
90	62.7	100	56.0	90	40.1	100	30.5					90	62.6	100	55.8
91	62.6		55.9	91	39.9		30.3					91	62.5		55.7
92	62.5		55.8	92	39.7		30.1					92	62.4		55.6

GLASS HYDROMETER.

Temperature 98° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	13 6	50	0 3	60	15 4	70	32 8	80	54 8	90	80 7				
2	13 3	2	0 6	2	15 7	2	33 2	2	55 3	2	81 2				
4	13 1	4	0 8	4	16 0	4	33 8	4	55 8	4	81 7				
6	12 8	6	1 1	6	16 3	6	34 0	6	56 3	6	82 2				
8	12 5	8	1 4	8	16 7	8	34 3	8	56 8	8	82 8				
41	12 2	51	1 7	61	17 0	71	34 9	81	57 3	91	83 3				
12	11 9	2	2 0	2	17 4	2	35 4	2	57 8	2	83 9				
4	11 7	4	2 3	4	17 7	4	35 8	4	58 3	4	84 4				
6	11 4	6	2 6	6	18 0	6	36 2	6	58 8	6	85 0				
8	11 1	8	2 8	8	18 4	8	36 6	8	59 3	8	85 5				
42	10 9	52	3 1	62	18 7	72	37 0	82	59 8	92	86 0				
2	10 6	2	3 4	2	19 1	2	37 5	2	60 3	2	86 6				
4	10 3	4	3 7	4	19 4	4	37 9	4	60 8	4	87 1				
6	10 0	6	4 0	6	19 7	6	38 3	6	61 3	6	87 7				
8	9 7	8	4 3	8	20 1	8	38 7	8	61 8	8	88 2				
43	9 4	53	4 5	63	20 5	73	39 2	83	62 4	93	88 8				
2	9 1	2	4 8	2	20 9	2	39 6	2	62 9	2	89 3				
4	8 8	4	5 1	4	21 3	4	40 0	4	63 4	4	89 8				
6	8 5	6	5 4	6	21 6	6	40 4	6	63 9	6	90 3				
8	8 2	8	5 7	8	21 9	8	40 8	8	64 4	8	90 9				
44	8 0	54	6 0	64	22 3	74	41 3	84	65 0	94	91 4				
2	7 7	2	6 3	2	22 6	2	41 8	2	65 5	2	91 9				
4	7 4	4	6 6	4	23 0	4	42 2	4	66 1	4	92 4				
6	7 1	6	6 9	6	23 3	6	42 6	6	66 6	6	92 9				
8	6 9	8	7 2	8	23 6	8	43 0	8	67 2	8	93 4				
45	6 6	55	7 6	65	24 0	75	43 5	85	67 7	95	93 9				
2	6 3	2	7 8	2	24 3	2	43 9	2	68 3	2	94 4				
4	6 1	4	8 1	4	24 8	4	44 4	4	68 8	4	94 9				
6	5 8	6	8 4	6	25 0	6	44 8	6	69 4	6	95 4				
8	5 5	8	8 7	8	25 3	8	45 2	8	69 9	8	95 9				
46	5 2	56	9 0	66	25 6	76	45 7	86	70 6	96	96 6				
2	4 9	2	9 3	2	26 0	2	46 2	2	71 0	2	97 0				
4	4 7	4	9 6	4	26 3	4	46 7	4	71 6	4	97 5				
6	4 4	6	9 9	6	26 6	6	47 1	6	72 1	6	98 0				
8	4 2	8	10 2	8	26 9	8	47 6	8	72 7	8	98 5				
47	3 9	57	10 5	67	27 3	77	48 0	87	73 2	97	99 0				
2	3 6	2	10 8	2	27 6	2	48 5	2	73 7	2	99 5				
4	3 3	4	11 1	4	28 0	4	48 9	4	74 2	4	100 0				
6	3 1	6	11 4	6	28 3	6	49 4	6	74 7	6					
8	2 9	8	11 7	8	28 7	8	49 9	8	75 2	8					
48	2 6	58	12 0	68	29 0	78	50 3	88	75 7	98					
2	2 3	2	12 3	2	29 4	2	50 8	2	76 2	2					
4	2 0	4	12 7	4	29 7	4	51 2	4	76 7	4					
6	1 7	6	13 0	6	30 1	6	51 7	6	77 2	6					
8	1 5	8	13 3	8	30 5	8	52 1	8	77 7	8					
49	1 2	59	13 7	69	30 9	79	52 6	89	78 2	99					
2	0 9	2	14 0	2	31 2	2	53 0	2	78 7	2					
4	0 8	4	14 3	4	31 6	4	53 5	4	79 2	4					
6	0 3	6	14 7	6	32 0	6	53 9	6	79 7	6					
8		8	15 0	8	32 4	8	54 4	8	80 2	8					
50	0 3	60	15 4	70	32 8	80	54 8	90	80 7	100					

GLASS HYDROMETER.

A

Temperature 99° F.

Days on Stem A		Per cent over Proof		Days on Stem A		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof	
0	72 3	10	65 7	0	57 5	10	48 2	20	37 2	30	25 0	0	72 2	10	65 5	0	57 4	10	48 9	20	37 0	30	25 6
2	72 0	2	65 4	2	57 2	2	47 8	2	36 8	2	25 3	2	72 0	2	65 4	2	57 0	2	47 6	2	36 6	2	25 1
4	71 9	4	65 3	4	56 9	4	47 4	4	36 3	4	24 0	4	71 9	4	65 3	4	56 7	4	47 2	4	36 1	4	24 0
6	71 8	6	65 1	6	56 7	6	47 2	6	36 1	6	24 0	6	71 8	6	65 1	6	56 5	6	47 0	6	35 0	6	24 3
8	71 7	8	65 0	8	56 5	8	47 0	8	35 0	8	24 3	8	71 7	8	65 0	8	56 3	8	46 8	8	35 7	8	24 1
1	71 5	11	64 8	1	56 3	11	46 6	11	35 5	11	23 8	1	71 5	11	64 8	1	56 1	11	46 4	11	35 3	11	23 0
2	71 4	2	64 7	2	56 1	2	46 2	2	35 1	2	23 3	2	71 4	2	64 7	2	55 8	2	46 2	2	35 1	2	23 3
4	71 3	4	64 5	4	55 8	4	46 0	4	35 0	4	23 1	4	71 3	4	64 5	4	55 6	4	45 8	4	34 6	4	22 8
6	71 2	6	64 4	6	55 6	6	45 6	6	34 4	6	22 6	6	71 2	6	64 4	6	55 4	6	45 6	6	34 4	6	22 6
8	71 0	8	64 2	8	55 4	8	45 3	8	34 2	8	22 3	8	71 0	8	64 2	8	55 3	8	45 3	8	34 2	8	22 3
2	70 9	12	64 1	2	55 3	12	45 1	12	34 0	12	22 1	2	70 9	12	64 1	2	55 1	12	44 9	12	33 7	12	22 1
4	70 8	4	63 0	4	55 0	4	44 7	4	33 5	4	21 9	4	70 8	4	63 0	4	54 9	4	44 7	4	33 5	4	21 6
6	70 0	6	63 8	6	54 9	6	44 5	6	33 3	6	21 3	6	70 0	6	63 8	6	54 7	6	44 3	6	33 3	6	21 3
6	70 5	8	63 6	8	54 7	8	44 3	8	33 1	8	21 1	6	70 5	8	63 6	8	54 6	8	44 1	8	33 1	8	21 1
3	70 4	13	63 4	3	54 6	13	44 1	13	32 8	13	20 8	3	70 4	13	63 4	3	54 3	13	44 0	13	33 0	13	20 8
2	70 2	2	63 3	2	54 3	2	43 9	2	32 0	2	20 6	2	70 2	2	63 3	2	54 1	2	43 9	2	32 0	2	20 6
4	70 1	4	63 1	4	54 1	4	43 7	4	31 7	4	20 4	4	70 1	4	63 1	4	53 9	4	43 6	4	31 5	4	20 4
0	70 0	0	62 9	0	54 0	0	43 6	0	31 3	0	20 1	0	70 0	0	62 9	0	53 8	0	43 4	0	31 3	0	20 1
8	69 9	8	62 7	8	53 9	8	43 4	8	31 0	8	19 0	8	69 9	8	62 7	8	53 6	8	43 4	8	31 0	8	19 0
4	69 7	14	62 6	4	53 8	14	43 1	14	30 8	14	18 6	4	69 7	14	62 6	4	53 4	14	43 1	14	30 8	14	18 6
2	69 6	2	62 4	2	53 6	2	42 9	2	30 5	2	18 3	2	69 6	2	62 4	2	53 2	2	42 9	2	30 5	2	18 3
4	69 5	4	62 2	4	53 4	4	42 7	4	30 3	4	18 1	4	69 5	4	62 2	4	53 1	4	42 7	4	30 3	4	18 1
8	69 3	8	62 1	8	53 2	8	42 4	8	30 1	8	17 0	8	69 3	8	62 1	8	53 0	8	42 4	8	30 1	8	17 0
8	69 2	8	61 9	8	53 1	8	42 2	8	29 9	8	17 6	8	69 2	8	61 9	8	52 8	8	42 2	8	29 9	8	17 6
5	69 1	15	61 7	5	53 0	15	42 0	15	29 6	15	17 4	5	69 1	15	61 7	5	52 6	15	42 0	15	29 6	15	17 4
2	68 0	2	61 6	2	52 0	2	41 9	2	29 4	2	16 8	2	68 0	2	61 6	2	52 3	2	41 9	2	29 2	2	16 8
4	68 8	4	61 4	4	52 7	4	41 7	4	29 2	4	16 6	4	68 8	4	61 4	4	52 2	4	41 7	4	29 2	4	16 6
6	68 7	6	61 2	6	52 5	6	41 5	6	28 9	6	16 3	6	68 7	6	61 2	6	52 0	6	41 5	6	28 9	6	16 3
8	68 5	8	61 1	8	52 3	8	41 3	8	28 7	8	16 1	8	68 5	8	61 1	8	52 0	8	41 3	8	28 7	8	16 1
6	68 3	16	60 9	6	52 2	16	41 1	16	28 5	16	15 8	6	68 3	16	60 9	6	51 8	16	41 1	16	28 5	16	15 8
2	68 2	2	60 7	2	52 0	2	40 8	2	28 2	2	15 5	2	68 2	2	60 7	2	51 6	2	40 8	2	28 2	2	15 5
4	68 1	4	60 6	4	51 8	4	40 6	4	27 9	4	15 3	4	68 1	4	60 6	4	51 6	4	40 6	4	27 9	4	15 3
6	68 0	6	60 4	6	51 6	6	40 4	6	27 7	6	15 0	6	68 0	6	60 4	6	51 4	6	40 4	6	27 7	6	15 0
8	67 9	8	60 2	8	51 4	8	40 2	8	27 5	8	14 7	8	67 9	8	60 2	8	51 2	8	40 2	8	27 5	8	14 7
7	67 7	17	60 1	7	51 2	17	40 0	17	27 3	17	14 5	7	67 7	17	60 1	7	51 0	17	40 0	17	27 3	17	14 5
2	67 6	2	59 9	2	51 0	2	39 9	2	27 0	2	14 2	2	67 6	2	59 9	2	50 9	2	39 9	2	27 0	2	14 2
4	67 5	4	59 7	4	50 9	4	39 7	4	26 8	4	13 9	4	67 5	4	59 7	4	50 6	4	39 7	4	26 8	4	13 9
6	67 4	6	59 6	6	50 6	6	39 5	6	26 5	6	13 7	6	67 4	6	59 6	6	50 4	6	39 5	6	26 5	6	13 7
8	67 2	8	59 4	8	50 4	8	39 3	8	26 3	8	13 5	8	67 2	8	59 4	8	50 2	8	39 3	8	26 3	8	13 5
8	67 1	18	59 2	8	50 2	18	39 1	18	26 1	18	13 2	8	67 1	18	59 2	8	49 8	18	39 1	18	26 1	18	13 2
2	67 0	2	59 1	2	50 0	2	38 8	2	25 9	2		2	67 0	2	59 1	2	49 6	2	38 8	2	25 9	2	
4	66 9	4	58 9	4	49 8	4	38 6	4	25 7	4		4	66 9	4	58 9	4	49 4	4	38 6	4	25 7	4	
6	66 7	6	58 7	6	49 6	6	38 3	6	25 5	6		6	66 7	6	58 7	6	49 2	6	38 3	6	25 5	6	
8	66 6	8	58 5	8	49 4	8	38 1	8	25 3	8		8	66 6	8	58 5	8	49 0	8	38 1	8	25 3	8	
9	66 5	19	58 3	9	49 2	19	37 9	19	25 1	19		9	66 5	19	58 3	9	48 8	19	37 9	19	25 1	19	
2	66 3	2	58 2	2	49 0	2	37 7	2	24 9	2		2	66 3	2	58 2	2	48 6	2	37 7	2	24 9	2	
4	66 2	4	58 0	4	48 8	4	37 4	4	24 7	4		4	66 2	4	58 0	4	48 4	4	37 4	4	24 7	4	
6	66 0	6	57 9	6	48 6	6	37 2	6	24 5	6		6	66 0	6	57 9	6	48 2	6	37 2	6	24 5	6	
8	65 9	8	57 7	8	48 4	8	37 0	8	24 3	8		8	65 9	8	57 7	8	48 0	8	37 0	8	24 3	8	
10	65 7	20	57 5	10	48 2	20	36 8	20	24 1	20		10	65 7	20	57 5	10	47 8	20	36 8	20	24 1	20	

Temperature 99° F.

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GLASS HYDROMETER.

A Temperature 100° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof
0	72 1	10	63 4	0	57 2	10	47 9	20	36 9	30	25 5	0	72 0	2	65 2
2	72 0	2	65 2	2	57 1	2	47 7	2	36 7	2	25 2	2	71 8	4	65 1
4	71 8	4	65 1	4	56 9	4	47 5	4	36 5	4	25 0	4	71 7	6	65 0
6	71 7	6	65 0	6	56 7	6	47 3	6	36 3	6	24 7	6	71 6	8	64 8
8	71 6	8	64 8	8	56 6	8	47 1	8	36 1	8	24 5	8	71 4	10	64 7
1	71 4	11	64 7	1	56 4	11	47 0	21	35 9	31	24 3	1	71 3	11	64 5
2	71 3	2	64 5	2	56 2	2	46 8	2	35 6	2	24 0	2	71 2	4	64 4
4	71 2	4	64 4	4	56 0	4	46 5	4	35 4	4	23 7	4	71 0	6	64 2
6	71 0	6	64 2	6	55 9	6	46 3	6	35 2	6	23 5	6	70 9	8	64 1
8	70 9	8	64 1	8	55 7	8	46 1	8	35 0	8	23 3	8	70 8	12	63 9
2	70 8	12	63 9	2	55 5	12	45 9	22	34 7	32	23 0	2	70 7	2	63 8
2	70 7	2	63 8	2	55 3	2	45 7	2	34 5	2	22 7	2	70 6	4	63 6
4	70 5	4	63 6	4	55 1	4	45 5	4	34 3	4	22 5	4	70 4	6	63 4
6	70 4	6	63 4	6	54 9	6	45 3	6	34 1	6	22 2	6	70 3	8	63 3
8	70 3	8	63 3	8	54 7	8	45 1	8	33 9	8	21 9	8	70 1	13	63 1
3	70 1	13	63 1	3	54 6	13	44 8	23	33 7	33	21 7	3	70 0	2	62 9
2	70 0	2	62 9	2	54 5	2	44 6	2	33 4	2	21 5	2	69 9	4	62 8
4	69 9	4	62 8	4	54 3	4	44 4	4	33 2	4	21 3	4	69 7	6	62 6
6	69 7	6	62 6	6	54 1	6	44 2	6	33 0	6	21 1	6	69 6	8	62 4
8	69 6	8	62 4	8	53 9	8	43 9	8	32 8	8	20 8	8	69 5	14	62 3
4	69 5	14	62 3	4	53 7	14	43 7	24	32 5	34	20 6	4	69 3	2	62 1
2	69 3	2	62 1	2	53 5	2	43 5	2	32 3	2	20 3	2	69 2	4	61 9
4	69 2	4	61 9	4	53 3	4	43 3	4	32 1	4	20 1	4	69 1	6	61 8
6	69 1	6	61 8	6	53 1	6	43 1	6	31 9	6	19 8	6	68 9	8	61 6
8	68 9	8	61 6	8	52 9	8	42 8	8	31 6	8	19 5	8	68 8	15	61 4
5	68 8	15	61 4	5	52 8	15	42 5	25	31 4	35	19 3	5	68 7	2	61 3
2	68 7	2	61 3	2	52 6	2	42 3	2	31 1	2	19 0	2	68 5	4	61 1
4	68 5	4	61 1	4	52 5	4	42 1	4	30 9	4	18 8	4	68 4	6	60 9
6	68 4	6	60 9	6	52 3	6	41 9	6	30 7	6	18 5	6	68 3	8	60 8
8	68 3	8	60 8	8	52 1	8	41 6	8	30 5	8	18 3	8	68 2	16	60 6
6	68 2	16	60 6	6	51 9	16	41 4	26	30 3	36	18 1	6	68 0	2	60 4
2	68 0	2	60 4	2	51 7	2	41 2	2	30 1	2	17 9	2	67 9	4	60 3
4	67 9	4	60 3	4	51 6	4	40 9	4	29 8	4	17 5	4	67 8	6	60 1
6	67 8	6	60 1	6	51 3	6	40 7	6	29 6	6	17 3	6	67 7	8	59 9
8	67 7	8	59 9	8	51 1	8	40 5	8	29 3	8	17 0	8	67 6	17	59 8
7	67 5	17	59 8	7	50 9	17	40 3	27	29 1	37	16 7	7	67 4	2	59 6
2	67 4	2	59 6	2	50 7	2	40 1	2	28 9	2	16 5	2	67 3	4	59 4
4	67 3	4	59 4	4	50 5	4	39 8	4	28 6	4	16 2	4	67 1	6	59 2
6	67 1	6	59 2	6	50 3	6	39 6	6	28 3	6	15 9	6	67 0	8	59 1
8	67 0	8	59 1	8	50 1	8	39 4	8	28 1	8	15 7	8	66 9	18	58 9
8	66 9	18	58 9	8	49 9	18	39 2	28	27 9	38	15 4	8	66 7	2	58 6
2	66 7	2	58 6	2	49 7	2	38 9	2	27 6	2	15 1	2	66 6	4	58 4
4	66 6	4	58 4	4	49 5	4	38 7	4	27 4	4	14 9	4	66 5	6	58 2
6	66 5	6	58 2	6	49 3	6	38 5	6	27 2	6	14 7	6	66 3	8	58 1
8	66 3	8	58 1	8	49 1	8	38 2	8	26 9	8	14 4	8	66 2	19	58 0
9	66 2	19	58 0	9	48 9	19	38 0	29	26 7	39	14 1	9	66 0	2	57 9
2	66 0	2	57 9	2	48 7	2	37 8	2	26 5	2	13 9	2	65 9	4	57 7
4	65 9	4	57 7	4	48 5	4	37 5	4	26 2	4	13 7	4	65 7	6	57 6
6	65 7	6	57 6	6	48 3	6	37 3	6	26 0	6	13 4	6	65 6	8	57 4
8	65 6	8	57 4	8	48 1	8	37 1	8	25 7	8	13 1	8	65 4	20	57 2
10	65 4	20	57 2	10	47 9	20	36 9	30	25 5	40	12 9				

GLASS HYDROMETER

Temperature 100° F

Dive on Stem	Per cent. over Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof
40	12 9	50	1 0	60	16 1	70	33 7	80	55 6	90	81 3
2	12 6	2	1 3	2	16 5	2	34 1	2	56 1	2	81 8
4	12 3	4	1 6	4	16 8	4	34 6	4	56 6	4	82 3
6	12 1	6	1 9	6	17 1	6	35 0	6	57 1	6	82 8
8	11 8	8	2 1	8	17 5	8	35 4	8	57 6	8	83 3
41	11 5	51	2 4	61	17 8	71	35 8	81	58 1	91	83 8
2	11 2	2	2 7	2	18 1	2	36 2	2	58 6	2	84 4
4	10 9	4	3 0	4	18 5	4	36 6	4	59 1	4	84 9
6	10 7	6	3 3	6	18 8	6	37 1	6	59 6	6	85 5
8	10 4	8	3 6	8	19 2	8	37 5	8	60 1	8	86 1
42	10 1	52	3 9	62	19 5	72	38 0	82	60 6	92	86 6
2	9 8	2	4 2	2	19 9	2	38 5	2	61 1	2	87 2
4	9 5	4	4 5	4	20 3	4	38 9	4	61 6	4	87 7
6	9 2	6	4 7	6	20 6	6	39 3	6	62 1	6	88 3
8	9 0	8	5 0	8	20 9	8	39 7	8	62 6	8	88 8
43	8 7	53	5 3	63	21 3	73	40 2	83	63 1	93	89 4
2	8 4	2	5 6	2	21 7	2	40 6	2	63 6	2	89 9
4	8 1	4	5 9	4	22 1	4	41 0	4	64 1	4	90 4
6	7 8	6	6 2	6	22 4	6	41 4	6	64 6	6	90 9
8	7 5	8	6 5	8	22 8	8	41 9	8	65 1	8	91 4
44	7 2	54	6 8	64	23 1	74	42 3	84	65 7	94	91 9
2	6 9	2	7 1	2	23 4	2	42 7	2	66 2	2	92 4
4	6 7	4	7 4	4	23 8	4	43 1	4	66 7	4	92 9
6	6 4	6	7 7	6	24 1	6	43 5	6	67 3	6	93 5
8	6 2	8	8 0	8	24 4	8	44 0	8	67 8	8	94 0
45	5 9	55	8 3	65	24 9	75	44 4	85	68 4	95	94 5
2	5 6	2	8 6	2	25 1	2	44 8	2	68 9	2	95 0
4	5 3	4	8 9	4	25 4	4	45 2	4	69 5	4	95 5
6	5 0	6	9 2	6	25 8	6	45 6	6	70 0	6	96 0
8	4 8	8	9 5	8	26 1	8	46 1	8	70 6	8	96 5
46	4 5	56	9 8	66	26 4	76	46 6	86	71 1	96	97 0
2	4 2	2	10 1	2	26 8	2	47 1	2	71 7	2	97 5
4	3 9	4	10 4	4	27 1	4	47 5	4	72 2	4	98 0
6	3 7	6	10 7	6	27 4	6	48 0	6	72 8	6	98 5
8	3 4	8	11 0	8	27 8	8	48 4	8	73 3	8	99 0
47	3 2	57	11 3	67	28 1	77	48 9	87	73 8	97	99 5
2	2 9	2	11 6	2	28 4	2	49 3	2	74 3	2	100 0
4	2 6	4	11 9	4	28 8	4	49 8	4	74 8	4	
6	2 3	6	12 2	6	29 1	6	50 2	6	75 3	6	
8	2 1	8	12 5	8	29 5	8	50 7	8	75 8	8	
48	1 8	58	12 8	68	29 8	78	51 1	88	76 3	98	
2	1 5	2	13 1	2	30 2	2	51 6	2	76 8	2	
4	1 2	4	13 5	4	30 5	4	52 0	4	77 3	4	
6	1 0	6	13 8	6	30 9	6	52 5	6	77 8	6	
8	0 7	8	14 1	8	31 3	8	52 9	8	78 3	8	
49	0 4	59	14 5	69	31 7	79	53 4	89	78 8	99	
2	0 1	2	14 8	2	32 0	2	53 8	2	79 3	2	
4	0 2	4	15 2	4	32 4	4	54 3	4	79 8	4	
6	0 4	6	15 5	6	32 8	6	54 7	6	80 3	6	
8	0 7	8	15 8	8	33 3	8	55 2	8	80 8	8	
50	1 0	60	16 1	70	33 7	80	55 6	90	81 3	100	



SPECIFIC GRAVITY TABLES
FOR USE WITH
SIKES'S HYDROMETER.

THE following tables of specific gravity, constructed from those of Ure, show approximately* the specific gravity of spirits from 70° O P. down to water at every temperature compared with water at 62° F, water at 62° F being denoted as 10 000

The imperial gallon of distilled water at 62° F weighs 10 lbs avoirdupois. Therefore a gallon of spirit of which the specific gravity is 9 000 at a certain temperature weighs at that temperature 9 lbs per gallon

TO USE THE TABLES.

Note the hydrometer indication. Then refer to the specific gravity Table I at this indication. Against it will be found the specific gravity which corresponds to the weight per gallon in pounds to decimals. The equivalent avoirdupois weights for the decimals are found in Table II.

Note—In using Table II the third decimal figure of the specific gravity found at Table I is, if under 5, to be omitted. If over 5, 1 should be added to the preceding or second decimal figure. Thus 8 242 should be read 8 24, and 9 196 should be read 9 200.

Example—Specific gravity 8 242 (*i.e.*, 8 24) will thus be found to be equivalent to 8 lbs 3 ozs 13 drms per imperial gallon. Again, specific gravity 9 196 (*i.e.*, 9 20) will be found to be equivalent to 9 lbs 3 ozs 3 drms per imperial gallon.

* These specific gravities are found true by the hydrometer only at 62° F. But for the purpose of checking stocks where probably both sides of the balance will be taken at temperatures not materially different the error on each side will be about the same and may be neglected.

Dive on Stem A	Specific gravity	Dive on Stem A	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity
0		10	7 939	0	8 154	10	9 323	20	8 493	30	8 670		
1		11	7 992	1	8 157	11	9 326	21	8 498	31	8 689		
2		12	7 996	2	8 161	12	9 330	22	8 502	32	8 692		
3		13	7 999	3	8 164	13	9 333	23	8 505	33	8 695		
4		14	8 002	4	8 168	14	9 337	24	8 509	34	8 699		
5		15	8 005	5	8 171	15	9 340	25	8 512	35	8 702		
6		16	8 009	6	8 174	16	9 343	26	8 516	36	8 706		
7		17	8 012	7	8 178	17	9 347	27	8 519	37	8 709		
8		18	8 015	8	8 181	18	9 350	28	8 523	38	8 713		
9		19	8 019	9	8 185	19	9 354	29	8 526	39	8 716		
10		20	8 022	10	8 188	20	9 357	30	8 530	40	8 720		
11		21	8 025	11	8 191	21	9 361	31	8 533	41	8 723		
12		22	8 029	12	8 195	22	9 364	32	8 537	42	8 727		
13		23	8 032	13	8 198	23	9 368	33	8 540	43	8 730		
14		24	8 035	14	8 202	24	9 371	34	8 544	44	8 734		
15		25	8 038	15	8 205	25	9 375	35	8 547	45	8 737		
16		26	8 042	16	8 208	26	9 378	36	8 551	46	8 741		
17		27	8 045	17	8 212	27	9 382	37	8 554	47	8 745		
18		28	8 048	18	8 215	28	9 385	38	8 558	48	8 748		
19		29	8 052	19	8 219	29	9 389	39	8 561	49	8 752		
20		30	8 055	20	8 222	30	9 392	40	8 565	50	8 755		
21		31	8 058	21	8 225	31	9 395	41	8 568	51	8 759		
22		32	8 062	22	8 229	32	9 399	42	8 572	52	8 763		
23		33	8 065	23	8 232	33	9 402	43	8 575	53	8 767		
24		34	8 068	24	8 236	34	9 406	44	8 579	54	8 770		
25		35	8 071	25	8 239	35	9 409	45	8 582	55	8 773		
26		36	8 075	26	8 242	36	9 412	46	8 586	56	8 777		
27		37	8 078	27	8 245	37	9 416	47	8 590	57	8 781		
28		38	8 081	28	8 249	38	9 419	48	8 593	58	8 784		
29		39	8 085	29	8 252	39	9 423	49	8 596	59	8 788		
30		40	8 088	30	8 255	40	9 426	50	8 600	60	8 791		
31		41	8 091	31	8 258	41	9 429	51	8 603	61	8 795		
32		42	8 095	32	8 262	42	9 433	52	8 607	62	8 799		
33		43	8 098	33	8 265	43	9 436	53	8 610	63	8 802		
34		44	8 101	34	8 269	44	9 440	54	8 614	64	8 806		
35		45	8 104	35	8 272	45	9 443	55	8 617	65	8 809		
36		46	8 108	36	8 275	46	9 446	56	8 620	66	8 813		
37		47	8 111	37	8 279	47	9 450	57	8 624	67	8 817		
38		48	8 114	38	8 282	48	9 453	58	8 628	68	8 820		
39		49	8 118	39	8 286	49	9 457	59	8 631	69	8 824		
40		50	8 121	40	8 289	50	9 460	60	8 635	70	8 827		
41		51	8 124	41	8 292	51	9 464	61	8 639	71	8 831		
42		52	8 128	42	8 296	52	9 467	62	8 642	72	8 835		
43		53	8 131	43	8 299	53	9 471	63	8 646	73	8 839		
44		54	8 134	44	8 303	54	9 474	64	8 649	74	8 842		
45		55	8 137	45	8 306	55	9 478	65	8 653	75	8 845		
46		56	8 141	46	8 309	56	9 481	66	8 656	76	8 849		
47		57	8 144	47	8 313	57	9 485	67	8 660	77	8 853		
48		58	8 147	48	8 316	58	9 488	68	8 663	78	8 857		
49		59	8 151	49	8 320	59	9 492	69	8 667	79	8 861		
50		60	8 154	50	8 323	60	9 495	70	8 670	80	8 865		

Table I—contd.

Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity
40	8 849	50	9 031	60	9 218	70	9 409	80	9 604	90	9 800		
2	8 853	2	9 036	2	9 222	2	9 413	2	9 608	2	9 804		
4	8 856	4	9 039	4	9 226	4	9 417	4	9 612	4	9 808		
6	8 860	6	9 043	6	9 229	6	9 420	6	9 615	6	9 812		
8	8 863	8	9 046	8	9 233	8	9 424	8	9 619	8	9 816		
41	8 867	51	9 050	61	9 237	71	9 428	81	9 623	91	9 820		
2	8 871	2	9 054	2	9 241	2	9 432	2	9 627	2	9 824		
4	8 874	4	9 058	4	9 245	4	9 436	4	9 631	4	9 828		
6	8 878	6	9 061	6	9 248	6	9 440	6	9 635	6	9 832		
8	8 881	8	9 065	8	9 252	8	9 444	8	9 639	8	9 836		
42	8 885	52	9 069	62	9 256	72	9 448	82	9 643	92	9 840		
2	8 889	2	9 073	2	9 260	2	9 452	2	9 647	2	9 844		
4	8 892	4	9 076	4	9 264	4	9 456	4	9 651	4	9 848		
6	8 896	6	9 080	6	9 267	6	9 459	6	9 655	6	9 852		
8	8 899	8	9 083	8	9 271	8	9 463	8	9 659	8	9 856		
43	8 903	53	9 087	63	9 275	73	9 467	83	9 663	93	9 860		
2	8 907	2	9 091	2	9 279	2	9 471	2	9 667	2	9 864		
4	8 911	4	9 095	4	9 283	4	9 475	4	9 671	4	9 868		
6	8 914	6	9 098	6	9 286	6	9 479	6	9 674	6	9 872		
8	8 918	8	9 102	8	9 290	8	9 483	8	9 678	8	9 876		
44	8 922	54	9 106	64	9 294	74	9 487	84	9 682	94	9 880		
2	8 926	2	9 110	2	9 298	2	9 491	2	9 686	2	9 884		
4	8 929	4	9 114	4	9 302	4	9 495	4	9 690	4	9 888		
6	9 933	6	9 117	6	9 305	6	9 498	6	9 694	6	9 892		
8	8 936	8	9 121	8	9 309	8	9 502	8	9 698	8	9 896		
45	8 940	55	9 125	65	9 313	75	9 506	85	9 702	95	9 900		
2	8 944	2	9 129	2	9 317	2	9 510	2	9 706	2	9 904		
4	8 947	4	9 132	4	9 321	4	9 514	4	9 710	4	9 908		
6	8 951	6	9 136	6	9 324	6	9 517	6	9 714	6	9 912		
8	8 954	8	9 139	8	9 328	8	9 521	8	9 718	8	9 917		
46	8 958	56	9 143	66	9 332	76	9 525	86	9 722	96	9 921		
2	8 962	2	9 147	2	9 336	2	9 529	2	9 726	2	9 925		
4	8 965	4	9 151	4	9 340	4	9 533	4	9 730	4	9 929		
6	8 969	6	9 154	6	9 344	6	9 537	6	9 733	6	9 934		
8	8 972	8	9 158	8	9 348	8	9 541	8	9 737	8	9 938		
47	8 976	57	9 162	67	9 352	77	9 545	87	9 741	97	9 942		
2	8 980	2	9 166	2	9 356	2	9 549	2	9 745	2	9 946		
4	8 984	4	9 170	4	9 360	4	9 553	4	9 749	4	9 950		
6	8 987	6	9 173	6	9 363	6	9 557	6	9 753	6	9 955		
8	8 991	8	9 177	8	9 367	8	9 561	8	9 757	8	9 959		
48	8 995	58	9 181	68	9 371	78	9 565	88	9 761	98	9 963		
2	8 999	2	9 185	2	9 375	2	9 569	2	9 765	2	9 967		
4	9 002	4	9 189	4	9 379	4	9 573	4	9 769	4	9 972		
6	9 006	6	9 192	6	9 382	6	9 576	6	9 773	6	9 976		
8	9 009	8	9 196	8	9 386	8	9 580	8	9 777	8	9 981		
49	9 013	59	9 200	69	9 390	79	9 584	89	9 781	99	9 985		
2	9 017	2	9 204	2	9 394	2	9 588	2	9 785	2	9 990		
4	9 021	4	9 207	4	9 398	4	9 592	4	9 789	4	9 994		
6	9 024	6	9 211	6	9 401	6	9 596	6	9 792	6	9 998		
8	9 028	8	9 214	8	9 405	8	9 600	8	9 796	8	10 003		
50	9 032	60	9 218	70	9 409	80	9 604	90	9 800	100	10 007		

Table II.

Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams
1	0	2½	26	4	2½	51	8	2½	76	12	2½
2	0	5	27	4	5	52	8	5	77	12	5
3	0	7½	28	4	7½	53	8	7½	78	12	7½
4	0	10	29	4	10	54	8	10	79	12	10
5	0	12½	30	4	12½	55	8	12½	80	12	12½
6	0	15	31	4	15	56	8	15	81	12	15
7	1	1½	32	5	1½	57	9	1½	82	13	1½
8	1	4½	33	5	4½	58	9	4½	83	13	4½
9	1	7	34	5	7	59	9	7	84	13	7
10	1	9½	35	5	9½	60	9	9½	85	13	9½
11	1	12	36	5	12	61	9	12	86	13	12
12	1	14½	37	5	14½	62	9	14½	87	14	1½
13	2	1	38	6	1	63	10	1	88	14	1
14	2	3½	39	6	3½	64	10	3½	89	14	3½
15	2	6	40	6	6	65	10	6	90	14	6
16	2	8½	41	6	8½	66	10	8½	91	14	8½
17	2	11½	42	6	11½	67	10	11½	92	14	11½
18	2	14	43	6	14	68	10	14	93	14	14
19	3	0½	44	7	0½	69	11	0½	94	15	0½
20	3	3	45	7	3	70	11	3	95	15	3
21	3	5½	46	7	5½	71	11	5½	96	15	5½
22	3	8	47	7	8	72	11	8	97	15	8
23	3	10½	48	7	10½	73	11	10½	98	15	10½
24	3	13	49	7	13	74	11	13	99	15	13
25	4	0	50	8	0	75	12	0	100	16	0

*Supplementary note to letter No 589, dated 1st July 1907, from the Director,
Central Excise Laboratory for India, to the Secretary to the Government of
India, Finance Department*

1 The following notes refer to work undertaken subsequent to the date of my above quoted letter. It is to be particularly noted that my letter No 589, dated 1st July 1907, was a statement made at the commencement of the work, and that the figures in the appendices, though correct in their general trend, were not intended to be final, and on comparison with the completed work will show some comparatively insignificant variations. They should hence be regarded as of a purely preliminary nature and not in any way as extracts from the final results.

2 In the first place it was assumed that Sikes's hydrometer at 62° F gives true specific gravities referred to water at 62° F when its indications are interpreted by specific gravity Table I (which is identical with Table B of Spirits' Act, 1880, 43 and 44 Vict, Ch 24) which is printed at the end of the books of Sikes's Tables which are supplied from England. On investigation the table was found to be in general correct. True proof-strengths were then calculated for glass hydrometer indications applicable to these specific gravities at all temperatures, allowance for expansion and contraction of the measuring glass hydrometer at the various temperatures being calculated and made.

For brass hydrometers the contraction and expansion allowances proper to such instruments were also duly made.

3 The calculations of the true specific gravities of the various proof-strengths referred to water at 62° F were made by means of expansion-figures used inversely. The figures first taken for expansion were those of Baumhauer, Recknagel, Kopp, and others, and these were extended and interpolated by means of a co-ordinate diagram and double differences. Many pycnometer weighments were also made and compared with the data thus found. The specific gravities finally arrived at were then compared with those of Gilpin and Blagden, Tralles and Mendeleef. The variations between the four sets of tables at no part exceed 0.3 of a proof-degree.

4 Generally, the least discrepancies from Sikes's present proof strengths were found in the first tables (those derived here from the expansion tables of the abovementioned investigators), the most by those of Mendeleef, and the mean between these by those of Gilpin and Blagden and of Tralles.

Tralles's tables were finally selected for use as being the mean of the four sets of tables, and also because they give figures to confirm the allowances to be made for expansion or contraction of glass hydrometers.

These, therefore with Otto Hehner's Tables* of the specific gravities of mixtures of alcohol and water at 60° F, compared with water at 60° F, finally formed the basis of the work.

* "The Analyst," Vol. V

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another set is under preparation for use with brass hydrometers. When the proposal regarding adjustment of all hydrometers for use in India at the more suitable temperature of 62° F has been sanctioned fresh tables for such glass and also for such brass hydrometers would be issued in due course along with the respective instruments. The preparation of these supplementary tables should not occupy us more than a month in all and it is anticipated that no extra staff will be required for this work.

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LATER NOTE — Since the above note was written, the use of brass Sikes's hydrometers has in practice been restricted to district and shop-work only where the highest possible degree of accuracy is unnecessary. Consequently tables of the greatest accuracy are no longer necessary for use with brass hydrometers. For exact Excise spirit-proving operations, glass hydrometers are now in use throughout India. The question of adjustment of glass hydrometers at 62° F instead of 51° is held over for later consideration.

C H BEDFORD.

Kasauli, 23rd January 1909